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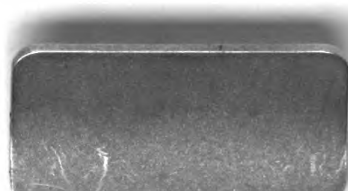
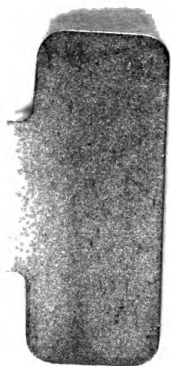


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NUMISMATIC LITERATURE

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No. 125

March 1991



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

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THE AMERICAN NUMISMATIC SOCIETY

Founded 1858

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Broadway between 155th and 156th Streets
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PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are thirty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly *Newsletter* are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

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NEW YORK

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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Each issue of *NL* is now paged separately, rather than consecutively within each issue, and an abstract can therefore be identified by the number together with the abstract number, for example, 81-1. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. At the end of each section is a list of numbered cross references to abstracts with related material in other sections. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcomed and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published*. A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a Festschrift or Proceedings of a Congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are removed from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

YN

Yorkshire Numismatist. England.

A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions.

GENERAL

- 1 ADKINS, ROY A. and PERRY, JEFFREY G. Of sherds and soil and sealing layers, of cobbling and coins. *Oxford JArch* Vol. 8 (1989) pp. 119-129.

The author records an experiment to examine the effect of trampling on cobbled layers and the differential movement of buried objects, including coins. (*Edward Besly*)

- 2 ARIEL, D.T. Excavations at the City of David 1978-1985. Vol. II. *Qedem* Vol. 30 (Jerusalem, 1990) 188 pp. illus.

On pp. 99-118 the 335 coins found at these excavations outside the walls on the southern slopes of the Old City of Jerusalem are catalogued and partly illustrated. The earliest coin is a Lycian stater (*BMC* pl. 44, 19) followed by issues of the Ptolemies and Seleucids through 19th century Ottoman coins. Flan molds and flans found are also described and illustrated. (*Arnold Spaer*)

- 3 AYALON, E., NEIDINGER, W. and MATTHEWS, J. Khirbet Migdal (Tsur Nathan). *Hadashot Arch* No. 95 (1990) pp. 44-45. In Hebrew.

The excavations at this Sharon site yielded ca. 350 coins starting in the hellenistic period. They are not described. (*Arnold Spaer*)

- 4 BELLONI, GIAN GUIDO. La raccolta di monete antiche: gli splendidi esemplari in oro. *Museo Novarese*. M.L. Tomea Gavazzoli, Ed. (Novara, Comune di Novara, Istituto Geografico De Agostini, 1987) pp. 444-445.

In the Museo Civico di Novara is a small group of 40 gold coins from various epochs: a single Greek coin (Alexander the Great) together with coinage from all time periods: Roman Imperial, Late Antique, Byzantine, Medieval, and modern (native Italian and foreign). The pages of Belloni, concerning general comments about coins, are followed by short remarks on the archival material which lists provenances for the coinage in an inventory, including photographs. The last part, pp. 446-459, was signed by Claudia Perassi. (*Sara Sorda*)

- 5 BERGHAUS, PETER. Numismatiker im Porträt. 1. Der Magister Karl Friedrich Wilhelm Erbstein 1.2.1757 Dorf-Wehlen - 9.7.1836 Dresden. *GN* Vol. 25 No. 138 (1990) pp. 222-226 illus.

The biography of F.W. Erbstein is given and his numismatic work, mainly concerned with medieval coinage is evaluated. *(Peter Ilisch)*

6 BERGHAUS, PETER. Numismatiker im Porträt 2. Johann Peter von Ludewig 15.8.1668 Frankenhardt-Hohnhardt bei Schwäbisch Hall - 7.9.1743 Halle. *GN* Vol. 25 No. 139 (1990) pp. 266-272 illus,

A portrait from 1742 of J.P. von Ludewig, a university teacher, is presented and explained. Ludewig also wrote a book about German medieval coins, first published in 1709, which was inspired by a bracteate hoard found in Görz in 1708. He also used numismatic evidence in his dissertation, published in 1713. *(Peter Ilisch)*

7 BERGHAUS, PETER. Numismatiker im Porträt 3. Marquard Freher 26.7.1565 Augsburg - 13.5.1614 Heidelberg. *GN* Vol. 25 No. 140 (1990) pp. 326-330 illus.

8 BLACKBURN, MARK. The Blunt Collection of medieval coins acquired for the Fitzwilliam Museum. *NCirc* Vol. 98 No. 4 (May 1990) pp. 119-121 illus.

The important collection of the late Christopher Blunt, consisting of 3,663 coins and jetons, has been acquired by the Fitzwilliam Museum, Cambridge. *(Edward Besly)*

9 CASPAR, HELMUT. Dux Megapolitanus. Kleine Geschichte des Schweriner Münzkabinetts in ansehnlicher Broschüre vermittelt. *GN* Vol. 24 No. 134 (1989) p. 313 illus.

10 CASPAR, HELMUT. Kniehebelpressen eroberten rasch die Münzstätten. Zum 225. Geburtstag des Münztechnikers und Erfinders Diedrich Uhlhorn (1764-1837). *GN* Vol. 24 No. 134 (1989) pp. 302-330 illus.

11 CHRISTOPHERSON, AXEL. Coins in complex archaeological contexts—A source critical survey. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 1-8.

12 CLARKE, H. and SCHIA, E., Eds. *Coins and Archaeology*. Proceedings of the First Meeting of the Medieval Archaeology Research Group, Isegvar, Norway, 1988. (Oxford, BAR International Series 553, 1989) 127 pp. illus.

Eleven papers examine the significance of coins for the interpretation of archaeological sites as well as for wider aspects of medieval economic and social development. *(Edward Besly)*

13 CRIBB, JOE. *Money*. ('Eyewitness' series) (London, Dorling Kindersley and the British Museum 1990) 64 pp. illus. ISBN 0-86318-410-3.

A survey of coin and currency systems from primitive types through credit and

cash cards is presented. Issues of individual or pairs of nations and regions are highlighted. (Joseph E. Boling)

14 DARST, D.H. Le bibliografia Numismática de D. Antonio Agustin. *Numisma* No. 192-203 (1985-1986) pp. 73-81.

15 DEWIT, HARRY. De werelddtentoonstelling van 1935 [The World Exhibition of 1935]. *JEGMP* (1989) pp. 137-147 illus.

Coins and medals issued to commemorate the world exhibition of 1935 in Brussels (Belgium) are placed in their historical context. (Johan van Heesch)

16 FENGLER, HEINZ. Numismatik oder Geldgeschichte. *GN* Vol. 25 No. 138 (1990) pp. 176-177.

17 GABBA, EMILIO. *Del buon uso della ricchezza. Saggi di storia economica e sociale del mondo antica* (Milan, Guerini e Associari, Ed., 1988) 235 pp.

The author collects the published examples over a 25-year period from various centers, and uses all to explain problems of ancient economic and social history, based on an examination of the evidence. (Sara Sorda)

18 GOTZ-KOZIERKIEWICZ, DANUTA. *Wymienialność pieniądza po II wojnie światowej* [Currency Convertibility after the Second World War]. (Warsaw, 1990) 184 pp. English summary.

The institutional solutions of the convertibility within the monetary policy and practices of the International Monetary Fund, the exchange rates, foreign exchange markets and international capital flows, and finally the convertibility in the Soviet bloc countries are discussed. (Andrzej Mikołajczyk)

19 ILISCH, PETER. Lohnt sich die Erfassung von Einzelfunden? Beispiele aus Westfalen. *NNb* Vol. 38 (1989) pp. 176-181 illus.

Based on three 18th century examples from Westphalia, the value of registering single finds is discussed. (Author)

20 ILISCH, PETER. Münzfunde. *Ausgrabungen und Funde in Westfalen-Lippe*. Vol. 6A (Mainz, Verlag Philipp von Zabern 1988) pp. 347-366 illus.

Single finds from Westphalia (Celtic, Roman, medieval and modern) uncovered ca. 1986 as well as a hoard of small change containing mostly pieces from Westphalia and the southern Netherlands, buried ca. 1659, are reported. (Author)

21 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg, 1989*. (Stuttgart, Landesdenkmalamt Baden-Württemberg, 1990) pp. 352-361 illus. ISBN 3-8062-0830-1; ISSN 0724-8954.

The coins found in Württemberg and reported to the Stuttgart cabinet in 1989 are examined. The coins include a Celtic coin of the so-called Reichenhall type, a hoard of 25 Roman denarii ranging from Nero to Antoninus Pius, various Roman imperial single finds, an Alamannian two-faced sheet-gold fibula showing resemblance to Byzantine one of the 6th and 7th centuries, a Merovingian triens, a hoard of 18 hellers lost in the second half of the 14th century, several stray finds of small change of late medieval and early modern times, primarily from southern Germany as well as some baroque religious medals. (Peter Ilisch)

22 KLEIN, ULRICH. Münzkabinett. *Jahrbuch der Staatlichen Kunstsammlungen in Baden-Württemberg*. Vol. 26 (Berlin, Deutscher Kunst verlag Munich, 1989) pp. 228-235 illus.

229 items acquired for the Stuttgart cabinet are reported. These acquisitions include Greek, Roman, medieval and modern periods as well as medals of Lorenz Natter and V. Huster. (Peter Ilisch)

23 KLÜSSENDORF, NIKLOT. Münzakten. Zur Quellenkunde der Numismatik und Geldgeschichte der Neuzeit. *HBV* Nos. 33-35 (1979/81, publ. 1988) pp. 153-167 illus.

Based on examples from the Hessian State Archives at Marburg, files are evaluated as a general source for monetary history covering all stages of coin production and the control of the circulation of money (16th to 19th centuries). (Author)

24 KRAMER, HEINZ J. Münzfunde in Essen. *Das Münster am Hellweg. Mitteilungsblatt des Vereins für die Erhaltung des Essener Münster* No. 43 (1990) (Essen, Münsterbauberein e.V., 1990) pp. 77-109.

The two coin hoards, found in Essen, ranging in date from Roman imperial times to the modern age, are described in detail with regard to their findspots and possible reasons for deposit within their historical context. (Ralf Althoff)

25 MADER, JULIUS. Klassiker der Numismatik: Joseph Ritter von Mader (1754-1815). *NumBeitr* Vol. 23 No. 1 (1990) pp. 16-22.

The author praises the well-known numismatist Joseph Ritter von Mader (1754-1815). (Paul Arnold)

26 MARCOS ALONSON, C. and OTERO MORAN, P. Algunas monedas encontradas en la región segontina (Sigüenza). *GacNum* No. 97-98 (1990) pp. 53-59.

Fifteen ancient and medieval coins are described. (Leandre Villaronga)

27 MATEU Y LLOPIS, F. Hallazgos monetarios (XXVII). *Numisma* No. 192-203 (1985-1986) pp. 47-72.

28 MATEU Y LLOPIS, F. Para la historia de los hallazgos monetarios. *GacNum* No. 97-98 (1990) pp. 61-66.

29 MAYS, MELINDA. Current work on the Yorkshire Museum Numismatic Collections. *YN* No. 1 (1988) p. 93.

The Museum is computerizing its numismatic collections: work has begun on the Roman and medieval coins, and on 17th and 19th century tokens. The banknote collection has also been sorted and placed in order. (Author)

30 MIKOŁAJCZYK, ANDRZEJ. Zabytki żydowskie w zbiorach Muzeum Archeologicznego i Etnograficznego w Łodzi [Jewish Items in the Collections of the Archaeological and Ethnographical Museum in Lodz]. *Żydzi w Łodzi*. (Łódź, Lodz Society of Social Initiatives, 1990) 45-50 pp. illus.

The article discusses coins struck and circulated in ancient Judaea, the Lodz ghetto coins and notes, etc., which were exhibited during Jewish Culture Days in Lodz, April 1990. (Author)

31 MITCHELL, P.D. and SEABY, P.J. Fred Pridmore and his Numismatic Works. *YN* Vol. 1 (1988) pp. 81-91.

A short biography and a complete bibliography comprising 173 entries (most relating to British Commonwealth coinage) are given. (Authors)

32 OXFORD, JOHANNES B. Nicolaus Seeländer (1682-1744), *Neue Biographie des Erfurter Medailleurs, Kupferstechers und Numismatikers*. *GN* Vol. 25 No. 139 (1990) pp. 273-286 illus.

New evidence helps to complete the biography of Nicolaus Seeländer, primarily famous for research concerning medieval bracteates, but also a medallist and copper plate engraver in service in Hanover. (Peter Ilisch)

33 POENARU BORDEA, GH. and MITREA, BUCUR. Découvertes monétaires en Roumanie-1988 (XXXII). *Dacia* Vol. 33 (1989) pp. 259-266.

This numismatic chronicle contains new monetary discoveries and discoveries published in 1988. Short descriptions regarding the Dacian, Greek, Roman, Byzantine and medieval coins are given. (Constantin Preda)

34 SCHIENERL, PETER W. Münzen als Elemente ägyptischen Ohrschmucks. *GN* Vol. 25 No. 140 (1990) pp. 321-325 illus.

Coins and coin imitations used in 20th century drop earrings from Egypt are discussed. (Peter Ilisch)

35 SICILIANO, ALDO. Le monete. *Monte Sannace. Gli scavi dell'acropoli 1978-1983*. A. Ciancio, E.M. De Juliis, A. Riccardi, F. Rossi, Eds. (Galatina, Congedo editore 1989) pp. 255-258 illus.

The author discusses the numismatic finds from the excavations on the acropolis of Monte Sannace in Puglia: 17 coins among which were 7 Greek coins struck by the Tarentum and Metapontum mints, 7 Republican coins issued by Rome and

Luceria. Imperial coinage from Augustus and Commodus and a follis from Constantinople (the latter, dating from the end of the 10th/beginning of the 11th century).
(*Andrea Carignani*)

36 STAHL, ALAN M. Coinage in the Name of Medieval Women. *Medieval Women and the Sources of Medieval History*. J. Rosenthal, Ed. (Athens, GA, 1990) pp. 321-341.

The author surveys the legal, political and numismatic aspects of coinage in the name of women in Latin, Byzantine and Islamic worlds from the 5th through the 15th centuries. There follows a listing of ca. 100 coinages in the name of medieval women.
(*Author*)

37 TASFRIR, Y. and FOERSTER, G. Beth Shean Excavations 1988-9. *Hadashot Arch* No. 95 (1990) pp. 30-37. In Hebrew.

During the excavations of Scythopolis numerous 4th century AD and early Byzantine coins were found. Also found were the remains of a wooden box containing jewelry, silver coins and 31 Arab gold coins, the latest dating to H 131.
(*Arnold Spaer*)

38 THORNE, CHRISTOPHER and THOMPSON, R.H. Philip David Whitting, GM, 1903-1988: an obituary. *London Topographical Record* Vol. 26 (1990) pp. 294-307 illus.

The bibliography (pp. 299-307) includes Whitting's publications on Byzantine numismatics and an appendix lists obituaries.
(*R.H. Thompson*)

39 VÖLKER, ARINA. Vor 250 Jahren: numismatische Hochschulkollegs an der Academia Fridericiana Halensis. Johann Christian Reil (1759-1813) und seine Zeit. *Hallesches Symposium 1988 (Or Wissenschaftliche Beiträge Martin-Luther-Universität Halle-Wittenberg 1989/43)* pp. 205-211.

The first numismatic lectures and their originators are discussed in detail in this valuable, knowledgeable work.
(*Paul Arnold*)

40 WACHSMANN, S. *The Excavations of an ancient boat in the Sea of Galilee*. Atiqot English Series. Vol. 19 (Jerusalem, 1990) 137 pp. illus.

On pp. 106-116 H. Gitler lists 44 coins found during the excavation of this 1st century AD boat. The coins were found scattered around the perimeter of the boat on the sea bed. The coins include Ptolemaic and Seleucid copper coins, Greek Imperials, Roman and Byzantine issues, a coin of Herod Philip as well as Arab-Byzantine and Arab coins, which end with Turkish coins of Murad III and Mahmud II.
(*Arnold Spaer*)

41 YANNAI, Y. Beth Shean - Numismatic Finds during the 1988-89 Seasons. *Hadashot Arch* No. 95 (1990) p. 37. In Hebrew.

So far 7,155 coins have been found. Of these 6,706 pieces have been identified: 35 are pre-Roman; 99 are Jewish, Nabataean and Greek Imperials (which include

10 Roman coins); 974 4th century AD Roman issues; 2,666 5th century AD Coins (mostly minimi); 761 Byzantine coins (including 6 solidi); the remainder are Arab. No further particulars of these coins are given. (Arnold Spaer)

42 ZERVOS, O.H. Excavations at Corinth, 1989: The Temenos of Temple E. Appendix. Coins. *Hesperia* Vol. 59 No. 2 (1990) pp. 357-369.

A report on 200 legible coins covering the period from 4th century BC to the 15th century AD. Noteworthy among them are 65 counterfeit Frankish deniers almost all of them bent or cut into halves, quarters, etc. (Author)

TECHNOLOGY AND METHODOLOGY

43 AUER, EBERHARD. Woher stammt der Eisengehalt in Feinsilbermünzen? *GN* Vol. 25 No. 136 (1990) pp. 78-80.

Four fine silver coins of Braunschweig-Lüneburg (1654-93) in analysis (XRF) show surface enrichments of iron. It is argued that this is from the tools used for striking and hammering. (Peter Ilisch)

44 CALLATAY, FRANCOIS DE. L'enjeu de l'utilisation des statistiques dans les études de numismatique antique. *Vie num* Vol. 39 No. 5 (May 1989) pp. 161-163.

This article stresses the importance of statistical methods for the numismatist who wants in a rather economical perspective to estimate the original number of obverse dies. (Author)

45 CALLATAY, FRANCOIS DE. L'utilisation des statistiques en numismatique (métrologie, estimation du nombre de monnaies émises). *Les Nouvelles de l'Archéologie* Vol. 33 (Autumn 1988) pp. 8-10.

This short article presents the benefits of quantitative methodology in the field of numismatics. (Author)

46 CALLATAY, FRANCOIS DE. Statistique et numismatique: les limites d'un apport. *RArchHistArtLouvain* Vol. 20 (1987) pp. 76-95.

A balanced appreciation of use of statistical methods in the field of numismatics is proposed. A special, even if critical, interest is devoted to the estimation of original number of obverse dies. (Author)

47 CARTER, GILES F. and SERAFIN PETRILLO, PATRIZIA. Silver Plated Coins of the Roman Republic. *Notizie dal chiostro del Monastero Maggiore* Vol. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Ar-

cheologico e del Civico Gabinetto Numismatico di Milano, 1989) pp. 27-33 illus.

In the article the author considers methodologically the problem of plated coinage and particularly investigates the case of the denarii of P. Crepusius of 82 BC. On the basis of this research he arrives at an approximate calculation of the number of coins of this type struck during the Republic: probably 20-30 million pieces were struck.
(Andrea Carignani)

48 CHAKRAVARTY, B. A Chemical study on the Alloys of Punch-marked Copper Coins. *JNSI* Vol. 50 (1988) pp. 134-136.

The author presents the results of the analysis of 6 copper punch-marked coins.
(Amiteshwar Jha)

49 CHOUDHARY, R.D. The Technique of Minting Coins in North-Eastern States of India. *JNSI* Vol. 50 (1988) pp. 161-162.

The majority of coins in the Northeastern States of India were produced by the die-striking technique. Only the Dhulapadung coins were cast. (Amiteshwar Jha)

50 COOPER, DENIS R. *The Art and Craft of Coinmaking: A history of Minting Technology*. (London, 1988) 264 pp. illus.

51 CRUSAFONT I SABATER, M. Estimación de los volúmenes de acuñación a partir de un hallazgo monetario. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens, Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 433-451.

The author studies the volume of the issues struck during the War of the Reapers, 1640-1652.
(Leandre Villaronga)

52 MALKMUS, WILLIAM. Addenda to Vermeule's Catalog of Ancient Coin Dies: Part 1. *SAN* Vol. 17 No. 4 (Sept. 1989) pp. 80-85 illus.

Cornelius C. Vermeule wrote *Some Notes on Ancient Dies and Coining Methods, NCirc* (1954). The author here adds 76 new entries. Addenda are presented for 60 of the original 108 entries.
(Vic Kozik)

53 MALKMUS, WILLIAM. Addenda to Vermeule's Catalog of Ancient Coin Dies: Part 2. *SAN* Vol. 18 No. 1 (July 1990) pp. 17-22 illus.

This second part of the material presents complete descriptions of the dies listed in Tables 1 and 2, found in Part 1.
(Vic Kozik)

54 MUKHERJEE, B.N. Technique of Minting Kushana Coins. *JNSI* Vol. 50 (1988) pp. 147-160.

The author discusses the various processes in the manufacturing technique of the

Kushana coins in different metals and also points to the likely source of metal for these coins.
(Amiteshwar Jha)

55 NARASIMHA MURTHY, A.V. Some Aspects of Minting in Karnataka. *JNSI* Vol. 50 (1988) pp. 163-166.

Some information concerning inscriptions relating to the minting of coins in Karnataka is published.
(Amiteshwar Jha)

56 RIPOLLES, P.P. Estimación del número de cuños originales utilizados en la ceca de Valentia. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 133-139.

57 RIPOLLES, P.P., MUÑOZ, J., LLORENS, M.M. Estimación del número original de cuños utilizados en las acuñaciones provinciales romanas de Hispania. Avance de resultados. *GacNum* Nos. 97-98 (1990) pp. 35-55.

The authors use a method in which a regression is based on two variables.
(Leandre Villaronga)

58 RODRIGUEZ LORENTE, J.J. and FONTENLA BALLESTA, S. Contribución el estudio de la metrologia hispano-árabe. La plata neari. *Al-Qantara* Vol. 9 (1988) pp. 475-489.

59 SAENZ DIEZ, J.I. Un nuevo nombre en las acuñaciones califales en Fez: Ma'n en un dirhem del año 1000. *GacNum* Vol. 84 (1987) pp. 43-46.

60 STAZIO, ATTILIO. Numismatica e computer. *Rediscovering Pompeii*. Catalogo della Mostra. B. Conticello, Ed. New York City, 12 July-15 September 1990. (Rome, L'Erma di Bretschneider, 1990) pp. 42-53 illus.

On the basis of the guide of Pompeii, the author develops several considerations concerning the necessity of extending the applications of this type of methodology to numismatics.
(Andrea Carignani)

61 SUN JINGMING. Examples on the Discrimination of the Counterfeits of the Knife Coin of the Qi State. *China Numismatics* Vol. 3; No. 30 (1990) pp. 15-17 illus. In Chinese.

The author analyzes some of the forged knife coins of the Qi State and points out the difference between this kind of forgery and the genuine coin.

62 WISÉHN, IAN. Ett bidrag till myntkonserveringens historia [A Contribution to the History of Coin Conservation]. *NNUM* No. 5 (1990) pp. 103-107 illus. In Swedish.

The author sketches the development of conservation of coins and archaeological artifacts at the Royal Coin Cabinet in The Museum of National Antiquities of Stockholm from the 19th century onward. (Harald Nilsson)

For additional references to Technology and Methodology, see the following abstracts:

General, No. 2.

Iberian, No. 121.

Far East, Nos. 402, 406, 410, 417, 418.

Great Britain and Ireland, No. 434.

Western and Central Europe, Nos. 467, 509, 519, 527, 539, 562, 563, 594, 598, 620.

Mexico, Central and South America, Nos. 674, 675.

GREEK

63 ARNOLD-BIUCCHI, CARMEN. *The Randazzo Hoard 1980 and Sicilian Chronology in the Early Fifth Century BC. ANSNS 18.* (New York, ANS 1990) 77 pp. illus.

539 tetradrachms from a hoard most likely from the region of ancient Katane (*CH* 7, 1985, no. 17) are described. Eight mints are represented: Rhegion, Akragas, Gela, Katane, Leontinoi, Messana, Naxos and Syracuse, and detailed study of their coinages and their interrelationships allows to establish a closing date for the deposit at ca. 455-450 BC. A comparison with other early 5th century hoards supports a downdating of the Demareteion of ca. 10 to 15 years though the decadrachm and the related issues, are thought to belong to the end of Hieron's reign. (Author)

64 BING, J.D. Reattribution of the 'Myriandrus' Alexanders: The Case for Issue. *A/JN* 2nd series, Vol. 1 (1989) pp. 1-32 illus.

The author argues that E.T. Newell's 1920 attribution of Mazaeus's lion staters to Myriandrus was based on circumstantial evidence which points equally as well to Issus. Further evidence including the monograms on the subsequent Alexanders, which Newell also attributed to Myriandrus, supports the reattribution. Issus is a well-known mint in the 4th century BC, while Myriandrus has no known coinage except for Newell's attributions. Literary evidence sustains the reattribution in so far as it suggests that Issus, by the time of Alexander's invasion of Asia, was under the satrapal jurisdiction of Syria, giving Mazaeus continued control of the Issus mint until 333. Possible reasons for Persia's revision of the Cilician-Syrian boundary are suggested, and some aspects of Cilician culture are discussed in the light of the reattribution. (Author)

65 CALLATAY, FRANCOIS DE. A propos de certaines estampilles sur des contrefaçons modernes de monnaies grecques. *SM* Vol. 39 No. 156 (1989) pp. 84-87 illus.

The presence of a number (33) countermarked on a modern forgery from the Stockholm's Coin Cabinet is compared with two similar countermarks previously known. All these countermarks were probably affixed in Italy sometime in the second half of the 18th century. (Author)

66 CALLATAY, FRANCOIS DE. Certains bronzes du roi Pylémène de Paphlagonie probablement contremarqués par Mithridate Eupator. *SM* Vol. 38 No. 150 (1988) pp. 34-37 illus.

A discussion of the two rare countermarked bronze coins of Pylaemenes of Paphlagonia in relation with the activity of Mithridates the Great, king of Pontus, at the end of the 2nd century BC. (Author)

67 CALLATAY, FRANCOIS DE. La politique monétaire de Mithridate VI Eupator. roi du Pont (120-63 av. J.-C.). *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 55-66.

The exceptionally well-dated coinage of Mithridates the Great allows us to examine the monetary activity and the military events. A close relation between these two activities is indicated. (Author)

68 CANCIO, L. A cowrie shell symbol on an Alexander tetradrachm. *NCirc* Vol. 98 No. 3 (April 1990) pp. 85-86 illus.

69 CARCASSONNE, CH. and DAVESNE, A. Le trésor de Gülnar: considérations sur le rythme de la production monétaire au IIIe s. av. J.-C. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 21-30.

The Gülnar hoard was found in Turkey and contained some 5,215 coins. Statistical methods are used to investigate the production of the 3rd century coinages of the Ptolemies, Alexander and the Attalids. (Johan van Heesch)

70 CENTENO, RUI M.S. and VALLADARES SOUTO, J.M. Noticia de una moeda hellenística do tesouro de Torre (Santa Maria de Emeres, Valpaços). *Nummus* Vol. XI (1988) pp. 91-94.

71 CUTRONI TUSA, ALDINA. Il rovescio della medaglia. Clandestini e falsificatori compromettono il patrimonio numismatico siciliano. *Kalos. Arte in Sicilia* Vol. 2 (Palermo, Ariete Ed., 1990) pp. 16-19 illus.

The author calls attention to the illegal recovery by private individuals—single coins and hoards from the ancient world—as well as the clandestine export of such material. The increase in the theft of coinage throughout Italy and the diffusion of forgeries are underlined. (Sara Sorda)

72 DAVESNE, ALAIN and LE RIDER, GEORGES. *Le Trésor de Meydancikkale (Cilicie Trachée, 1980) Gülnar II. 2 Vols.* (Paris, Editions Recherches sur les Civilisations, 1989) 377 pp. illus.

The hoard of Meydancikkale consists of 5,215 silver coins found in three vases during the French excavations at Gülnar. They are divided into coins of Alexander III and Philip III, Demetrius Poliorcetes, Antigonos Gonatas, Lysimachus, coins of the Seleucids and Attalids and coins of the Ptolemies (roughly over 2/3 of Attic weight and 1/3 of Ptolemaic weight). The authors conclude that the hoard was probably buried ca. 240-235 BC, which leads them to a revision of the traditional chronology of the coins of Seleucus II and the kings of Pergamum. A detailed catalogue of the coins is followed by chapters on the different issues as well as a chapter on circulation and attrition. The third part of the book presents an onomastic study of the Greek, Cypriote, Semitic and Demotic graffiti on Ptolemaic coins. (C. Arnold-Biucchi)

73 DIMITROV, K. Frappes dynastiques en Thrace au début de l'époque hellénistique. Ateliers et production. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986.* G. Depeyrot, T. Hackens, and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 31-38.

The motifs for coinage and the volume of the issues of Thracian dynasties of the Hellenistic period are studied. (Johan van Heesch)

74 DUS, ROSELYNE. Un statère rarissime de Kalymna. *JEListeFPL* No. 106 (March 1988) pp. 2-4 illus.

A very rare Greek stater, struck at Kalymna, is described. (Johan van Heesch)

75 EREV, R. Et Tell (Bethsaida) - 1989. *Hadashot Arch* No. 95 (1990) pp. 12-13. In Hebrew.

Coin finds at this site, just north of the Sea of Galilee, included two silver issues of Demetrius II apparently of his first reign. (Arnold Spear)

76 GARCIA GARRIDO, M. Divisores de plata de imitación emporitana. *ActaNum* Vol. 17-18 (1990) pp. 29-39.

The author distinguishes the imitations into two groups: one was struck at Catalunya and the other at País Valenciano. (Leandre Villaronga)

77 GARRAFFO, SALVATORE. Considerazioni sui cavalieri tarantini del VI periodo Evans. Magna Grecia e Sicilia nella prima età di Pirro. *DialArch* Vol. 7 (1989) pp. 21-29 illus.

The author concentrates on a bronze Tartentine series of the 6th period of Evans classification (302-281 BC). In particular, the author considers the problem of the weight reduction of the Tarantine staters from ca. 7.8 g to ca. 6.5 g. The evident reason of this inflationary phenomenon is to put Tarantine coinage on the same weight system as the Syracusan pegasi coinage during the military expeditions of Pyrrhus

against Rome.

(Andrea Carignani)

78 GARRAFFO, SALVATORE. Tipi monetali di stile severo. *Lo stile severo in Sicilia. Dall'apogeo della tirannide alla prima democrazia*. Catalogo della Mostra. (Palermo, Novecento editore 1990) pp. 151-157 illus.

In the exhibit several of the most notable examples among the Sicilian coinage refer to the Severe style; additionally, the so-called Demarateion (decadrachm of Syracuse) and the tetradrachms of Catania, Leontini, Naxos, Himera and Selinus are shown. The author proposes a more precise chronology and also presents several iconographic observations.

(Andrea Carignani)

79 GOODALL, JOHN A. Civic devices and pre-Hellenistic coin types: a survey, Part 2. *SCMB* No. 849 (April 1990) pp. 67-72; Part 3. *SCMB* No. 850 (May 1990) pp. 102-107.

80 HACKENS, TONY. Rythmes de la production monétaire: les monnayages archaïques et classiques de Grèce. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 1-10.

The author gives some general observations on the chronology and the coinage production of the Greeks. He discusses, for example, the quantity of coins struck by some Greek cities.

(Johan van Heesch)

81 HOLLOWAY, R. ROSS. The coinage production of the Sicilian Greek mints of the Sixth and Fifth Centuries B.C. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 11-20.

The author argues that it was the intention of the Greek cities in Sicily to issue coinage at regular intervals, which can be demonstrated by obverse die statistics.

(Johan van Heesch)

82 JENKINS, G.K. *Ancient Greek Coins*. (London, Seaby 1990) 182 pp. illus.

This book is a revised edition of the 1972 text; in a completely new layout, the coin pictures are integrated with the text to facilitate reference. Technical aspects of the coinage, monetary and weight standards and a survey of coinage throughout the Greek world are included.

(Paula Turner)

83 MARTINO, FEDERICO. Evidenze numismatiche e ipotesi interpretative su alcune emissioni bronzee di Sicilia. *Archivio Storico Messinese* Vol. 40 (1989) pp. 5-68.

The author considers the chronological problems of the coinage of Himera, Agrigento, Selinus, Segesta and, in particular, Syracuse.

(Sara Sorda)

84 MIELCZAREK, MARIUSZ. O monetach greckich wybitych przed

końcem I wieku p.n.e. znalezionych na obszarze Polski [On the Greek Coins Struck Before the End of the 1st Century BC Found in the Polish Area]. *WN* Vol. 32 (1988, publ. 1990) pp. 129-258 illus. English summary.

Forty-three finds of the Greek coins, mainly from the hellenistic period, recorded in Poland are discussed. The amber trade brought in the Sicilian and South Italian coins in the 4th-3rd centuries. The Celts and Geto-Dacians were the middlemen in the inflow of Macedonian coins in the 2nd-1st centuries BC.

(Andrzej Mikołajczyk)

85 MIELCZAREK, MARIUSZ. Obieg monetarny w państwach hellenistycznych. Egipt Lagidów i Syria Seleukidów [The Coin Circulation in the Hellenistic States. Egypt of Ptolemies and the Seleucid Kingdom]. *PracMat* No. 9 (1989, publ. 1990) pp. 15-41. English summary.

The coin hoards manifest the different patterns of monetary circulation in Egypt and Syria during the hellenistic period.

(Andrzej Mikołajczyk)

86 MITKOWA-SZUBERT, KUNKA. Monety bosforskie z Kerczu w zbiorach Państwowego Muzeum Archeologicznego w Warszawie [The Bosphoran Coins from Kerch in the Collection of the State Archaeological Museum in Warsaw]. *WN* Vol. 32 (1988, publ. 1990) pp. 185-189 illus. English summary.

A dozen of the Bosphoran coins found at Kerch, Crimea, at the end of the 19th century are in the numismatic collection of the State Archaeological Museum in Warsaw.

(Andrzej Mikołajczyk)

87 NENCI, G. and VALLET, G. *Bibliografia topografica della colonizzazione greca in Italia e nelle isole tirreniche*. Vol. 7: Siti, Cuccuva - Garaguso, Pisa-Roma. (Scuola Normale Superiore, Ecole Francaise de Rome, Centre J. Berard Naples, Ed., 1989) 552 pp. illus.

Each listed locality includes not only the literary and epigraphical sources, but also their numismatic scholars and the bibliography of numismatic interest.

(Sara Sorda)

88 RUTTER, K. La moneta. *Un secolo di ricerche in Magna Grecia*. Atti del ventottesimo convegno di studi sulle Magna Grecia, Taranto 1988, Taranto (Istituto per la storia e l'archeologia della Magna Grecia, 1989, publ. 1990) pp. 365-393.

A retrospective examination of 100 years of research concerning the coinage of Magna Graecia is published. The relative bibliography, collected within the principal categories, is considered in relation to problems basic to the study. The author outlines both areas important for future research and a program to effect the needed research.

(Sara Sorda)

89 SERBANESCU, DONE. Monede descoperita în dava geto-dacică de

la Radovanu [Coins Discovered in the Geto-Dacian Dava from Radovanu]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 155-160 illus. German summary.

In the Geto-Dacian settlement from Radovanu (Walachia) the following coins were discovered: 2 AE Callatis, 1 tetradrachm Thasos, 8 Getic (Vîrteju and Inotești types) and Alexander-Philip III, and 2 Roman imperial denarii. (Constantin Preda)

90 SYLLOGE NUMMORUM GRAECORUM. ITALIA. Milano, Civiche Raccolte Numismatiche, Vol. II. Gallia ellenica - Guerra sociale. N. Vismara, Ed. (Milano, Comune di Milano, 1990) 118 pp.

91 THEODOROU, JERRY. An Appreciation of Ancient Greek Coins. *Journal of the Hellenic Diaspora* Vol. 15 Nos. 3-4 (Fall-Winter 1988) pp. 101-126 illus.

Ancient Greek coinage is among the arts of antiquity, which contain much historical and cultural information about their makers. Eight coins, illustrating these points, are described in detail, including three in the author's collection. (Author)

92 VILLARONGA, L. Imitation des statères de Tarente en Espagne et en Gaule. *Proceedings of the 10th International Numismatics Congress. London, September, 1986.* (London, IAPN, 1989) pp. 153-183.

The author discusses the type depicting horseman with round shield over the shoulder. (Leandre Villaronga)

93 VISMARA, NOVELLA. Un ripostiglio di monete della Lycia di recente acquisizione privata. *Notizie dal chiostro del Monastero Maggiore* Vol. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico del Civico Gabinetto Numismatico di Milano, 1989) pp. 1-7 illus.

New typology and new denominations in a hoard of 43 coins issued by the kings of Lycia perhaps should be understood as belonging to a larger hoard, subsequently dispersed. (Andrea Carignani)

94 ZIMMERMANN, HANS-DIETER. Neuerwerbungen für die Münzsammlung im Robertinum. *Wissenschaftliche Zeitschrift der Universität Halle-Wittenberg* Vol. 38 No. 4 (1989) pp. 135-147.

29 newly acquired Greek and Roman coins are described in detail. (Paul Arnold)

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 2, 3, 4, 22, 33, 35, 40, 41, 42.

Technology and Methodology, Nos. 52, 53.

Celtic, Nos. 97, 98, 102.

Punic, No. 104.

Etruscan, No. 112.

Iberian, No. 126.

Roman, Nos. 133, 137, 174, 215, 226.

Near and Middle East, No. 292.

India, Nos. 333, 362, 363.

CELTIC

95 BURNETT, A.M. and COWELL, M.R. Celtic coinage in Britain II. *BNJ* Vol. 58 (1988) pp. 1-10 illus.

Four hoards are published: one of coins of the Baiocasses (Ringwood, Hampshire) and three containing Gallo-Belgic E coins. One (Whitchurch, Hants) contains both Gallo-Belgic E and British B staters. Implications for the origins and chronology of native coin production in Britain are discussed. *(Edward Besly)*

96 HASELGROVE, COLIN. Iron Age coin deposition at Harlow Temple, Essex. *OxfordJArch* Vol. 8 (1989) pp. 73-88.

97 RICHARD, J.-C. and DEPEYROT, G. Une imitation celtique de la drachme au Pégase d'Empuries. *ActaNum* Vols. 17-18 (1987-1988) pp. 23-25.

The authors publish an imitation (legend incomplete), discovered in Gaul. *(J.-C. Richard)*

98 ROUSSET, M. and BARRAL, M. Un exemple de fragilisation de l'Argent (Anexe I). *ActaNum* Vol. 17-18 (1990) pp. 25-27.

The authors respond to the article written by Richard and Depeyrot concerning imitations. See *NL* 125-97. *(Leandre Villaronga)*

99 SYMONS, D. Celtic Coinage of Britain: some amendments and additions. *NCirc* Vol. 98 No 2 (March 1990) pp. 48-50 illus.

65 British Celtic coins are illustrated and described. 49 expand information in Van Arsdell's *Celtic Coinage of Britain*, 1989 (*NL* 124-99); 16 do not appear therein. *(Edward Besly)*

100 VAN ARSDELL, R.D. Celtic chicanery III. *NCirc* Vol. 98 No. 4 (May 1990) p. 122 illus.

'Shape-shifting' is suggested by a cast bronze of the Lenci whose perceived design changes with the orientation of the coin. *(Edward Besly)*

101 VAN ARSDELL, ROBERT D. The Badbury-Shapwick Hoard and the date of the Maiden Castle coins from Sir Mortimer Wheeler's 1934-1937 excavations. *Oxford JArch* Vol. 8 (1989) pp. 347-351 illus.

A hoard of Durotrigian gold and silver coins is reconstructed and its implications for the dates of coins from Maiden Castle (Dorset) are discussed. *(Edward Besly)*

102 WEILLER, RAYMOND. Un symbole jovien sur une imitation gauloise du statère de Philippe II de Macédoine. *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN, 1990) pp. 105-106 illus.

The description of a Celtic imitation of the gold-staters of Philip II of Macedonia, found near Hesperange (Luxembourg), is given with the interpretation of a Celtic symbol on its reverse. *(Author)*

For additional references to Celtic numismatics, see the following abstracts:

General, Nos. 20, 21.

Greek, No. 84.

Roman, No. 152.

Great Britain and Ireland, No. 439.

PUNIC

103 CALCIATI, ROMOLO. Monete puniche di bronzo circolanti in Sicilia. La serie testa virile/cavallo libero. *Notizie dal chiostro del Monastero Maggiore* Vol. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano, 1989) pp. 9-25 illus.

The author studies the 4th century BC Carthaginian coinage characterized by the male head of Triptolemos on the obverse and the pony on the reverse. The coinage is discussed with regard to typology, circulation and chronology. *(Andrea Carignani)*

104 CUTRONI TUSA, ALDINA. Due monetazioni a confronto. *Da Mozia a Marsala. Un crocevia della civiltà mediterranea*. Convegno nazionale, Marsala 1987. (Marsala, Rotary Club Ed., 1990) pp. 77-80 illus.

Punic Motya adopted coinage early for commercial transactions with mainland Greece and Sicily; whereas Lilybaeum began its monetary activity only after the Roman conquest. (Sara Sorda)

105 LOPEZ CASTRO, J.L. Las monedas púnicas de la ceca de Sexa (Almuñecar, España). *Proceedings of the 10th International Numismatics Congress. London. September 1986*. (London, IAPN, 1989) pp. 159-166.

106 MANFREDI, LORENZA ILIA. Le monete puniche di Tharros. *Quaderni della Soprintendenza Archeologica per le provincie di Cagliari e Oristano* Vol. 4 No. 1 (1987) (Cagliari, 1987) pp. 181-187.

On the basis of numismatic finds in the necropolis, in the tofet, in the monumental temple of the Punic city of Tharros in Sardinia, the author proposes the area of monetary circulation of the city and the environs between the 4th and 3rd century BC. (Andrea Carignani)

107 MANFREDI, LORENZA ILIA. Melqart e il tonno. *Studi di egittologia e di antichità puniche* Vol. 1 (Giardini editori e stampatori in Pisa, 1987) pp. 67-80 illus.

The association of Heracles/Melqart and tuna on Punic coinage is discussed. Reviewing the issues the author underlines the religious, economic and political values of these symbols. The most ancient examples are from Gades ca. the end of the 4th century BC, followed by issues at Sexi, Abdera in Spain, Tiris and Lixus, ca. the 1st century BC. (Andrea Carignani)

108 MANFREDI, LORENZA ILIA. Monete e valori ponderali fenici a Kition. *Rivista di studi orientali* Vol. 61 (1987) (Rome, Bardi editore, 1988) pp. 81-87.

The author examines the Phoenician numismatic material issued by the Cypriote city Kition (5th-4th centuries). Three different monetary units mentioned in a Phoenician inscription found in the city (qr, qp' and p') form the basis of an etymological analysis, which yielded comparisons with the Greek staters or didrachms, tetrobols and obols. In particular the Phoenician word qp', corresponding to the tetrobol, resulted semantically with ΠΕΛΕΚΥΣ (two-headed axe), which was originally designed to indicate the monetary tools, used to define monetary metal. (Andrea Carignani)

109 MANFREDI, LORENZA ILIA. Monete puniche a Tiriolo (CZ). *RStudFenici* Vol. 18 No. 1 (1989) pp. 55-59 illus.

The author attributes to an Italic mint and perhaps to one in Bruttium 5 silver Punic coins with a provenance in the Tiriolo, areas on the slopes of the Sila, in

Calabria. The coins, depicting the head of Core on the obverse and the standing horse on the reverse, reflect the political situation during the Hannibalic Age when the Bruttii offered aid and support to the Carthaginians during the Second Punic War.

(Andrea Carignani)

110 MANFREDI, LORENZA ILIA. Tharros XV-XVI. Le monete rinvenute nelle campagne 1988-1989. *RStudFenici* Vol. 17 No. 2 (1989) pp. 301-306 illus.

The author publishes the coinage found in the excavation of the tofet of Tharros. 19 coins, among them 14 Punic coins (4th-3rd century BC) and 4 Roman Republic (3rd-2nd century BC) are discussed.

(Andrea Carignani)

111 MATAMOROS, C. Las monedas procedentes de una alfarería púnica de Ibiza. *Saguntum* Vol. 22 (1989) pp. 267-289.

The author studies a hoard of 88 coins.

(Leandre Villaronga)

For an additional reference to Punic numismatics, see the following abstract:
Iberian, No. 126.

ETRUSCAN

112 CATALLI, FIORENZO. Presenze numismatiche nel territorio tarquinense. *Atti del Secondo Congresso Internazionale Etrusco*. Vol. 2. Firenze, 26 maggio-2 giugno. *Suppl. of StE.* (Rome, Giorgio Bretschneider 1989) pp. 1101-1113.

The author surveys Greek, Etruscan and Roman coin finds at Tarquinia and its environs.

(Andrea Carignani)

113 PANVINI ROSATI, FRANCO. Gli studi di numismatica etrusca: problemi di metodo e nuovi indirizzi di ricerca. *Atti del Secondo Congresso Internazionale Etrusco*. Vol. 2. Firenze, 26 maggio-2 giugno. *Suppl. of StE.* (Rome, Giorgio Bretschneider 1989) pp. 771-779.

The author describes the progress made in the study of Etruscan numismatics in the past ten years. In the article the author examines the most important events and delineates several possible areas of research for the immediate future.

(Andrea Carignani)

114 TONDO, LUIGI. Progressi metodologici e ricostruzione della storia monetaria etrusca fra '700 e '800. *Atti del Secondo Congresso Internazionale Etrusco*.

Vol. 2. *Firenze, 26 maggio-2 giugno. Suppl. of StE.* (Rome, Giorgio Bretschneider 1989) pp. 255-262.

The author distinguishes in the period between the end of the 18th century and the beginning of the 19th century the turning point in the methodological development in the study of Etruscan numismatics. In the brief article the author reviews the most significant contributions of the period. (Andrea Carignani)

IBERIAN

115 BENAGES, J. and VILLARONGA, L. Troballa d'Oristà (Osona, Barcelona). *ActaNum* No. 17-18 (1990) pp. 41-57.

The hoard comprises 35 drachms from Emporion (13 with symbol), 5 denarii from Ausesken, 3 from Kese as well as Roman denarii. From these 200-300 coins the authors particularly study 58 coins, the last of which dates ca. 74 BC (*Cr* 394/1).

(Leandre Villaronga)

116 BERROCAL RANGEL, L. and CANTO GARCIA, A. Aproximación el estudio de la numismática preromana del Suroeste peninsular. El ejemplo de Castro Capote. *GacNum* Vols. 97-99 (1990) pp. 67-78.

117 BLANCO GARCIA, J.F. Nuevas aportaciones a la circulación monetaria ibérica de Coca (Segovia). *GacNum* Vols. 97-98 (1990) pp. 13-18.

118 GARCIA-BELLIDO, M.P. and BLAZQUEZ, C. Les monedes celtibéricas y sus contremarques en el Instituto Valencia de Don Juan. *ActaNum* No. 17-18 (1990) pp. 59-87.

Among the coins published, a denarius of Sekeise depicting the lion symbol is featured. (Leandre Villaronga)

119 LABE, F.F. Las cecas ibéricas de Navarra. *I Congreso General de Historia de Navarra* (1989) 449 pp.

120 LOPEZ SANCHEZ, P. Tesorillo de monedas de bronce "Alt Empordà II-1987". *GacNum* Vol. 97-98 (1990) pp. 87-94.

The author discusses a hoard of 14 Iberian coins from Untikesken and 3 Roman coins. (Leandre Villaronga)

121 RODRIGUEZ MERIDA, J.R. Los ases unciales de Cermo. *Boletín*

Museo Arqueologico Nacional Vol. 8 No. 1-2 (Madrid, 1989) pp. 47-56.

The author discusses the coinage of Cermo both typologically and metrologically.
(Leandre Villaronga)

122 VILLARONGA, L. El hallazgo de monedas. El caso de Tanusia. *Gac-Num* No. 97-98 (1990) pp. 79-86.

The author refutes the idea that the coins of Tanusia should be attributed to Tamuja (Caceres).
(Author)

123 VILLARONGA, L. La Jerarquización de las cecas de Sekaisa y Bilbilis. *Especia, Tiempo y Forma, Series 2, 1. Homenaje al Prof. E. Ripollé*. (Madrid, Universidad Nacional de Educación a Distancia, 1988) pp. 333-340.

124 VILLARONGA, L. La monnaie d'argent en Espagne, de l'arrivée des romaine jusqu'à la moitié du IIe S. av. J.-C. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 99-117.

The author studies the volume of the issues, the results of which demonstrate equivalents between the Hispanic-Carthaginian issues and those of Emporion. These issues would have been used to finance the Roman legions after the conquest of the peninsula.
(Author)

125 VILLARONGA, LEANDRE. Les dracmes ibériques de Tarraco. *Feventia* Vol. 10 (1988) pp. 143-152.

The author publishes six known drachms, hypothesizing that the Romans controlled their issue.
(Author)

126 VILLARONGA, LEANDRE. The Tangier Hoard. *NC* (1989) pp. 149-162.

A hoard of 121 silver coins is discussed. The hoard comprises the following coinage: 85 Hispano-Carthaginian, 13 Spanish (non-military), 3 quadrigati, 5 Hannibalic coins of Italy, 3 Tarentum, 8 Siculo-Punic, 1 Iole, 1 Dyrrhachium, 1 Amphipolis, 1 Magnesia-on-the-Maeander.
(Author)

For an additional reference to Iberian numismatics, see the following reference:

General, No. 26.

ROMAN

127 ABAD VARELA, M. Hallazgos numismáticos en la villa romana de "La Pila" Altea (Añicante). *Especia, Tiempo y Forma, Serie 2, 1. Homenaje el Prof. E. Ripolle*. (Madrid, Universidad Nacional de Educación a Distancia, 1988) pp. 363-376.

The author studies 7 coins of Antoninus Pius and Constantius II. (Leandre Villaronga)

128 ALBERTONI, PIERO, DUCCI, MASSIMO, and PAGGETTI, LORENZO. *Nuovi contributi per una carta archeologica del Casentino*. (Arezzo, Collana editoriale della Provincia di Arezzo, 1989) 154 pp. illus.

The author publishes some archaeological finds from Casentino: among the coinage 3 coins of the 3rd century BC and 2 Gothic bronze coins of the 6th century AD of Poggio Castagnoli (p. 36), coinage of the Severan age of Casa Machiusa, Valiana (p. 50) and Begliano (p. 133). (Andrea Carignani)

129 ALEGRA MANCHA, P. and GARCIA MARCOS, V. Una aproximación a la circulación monetaria del siglo I d.c. Datos estratigráficos de Asturica Augusta. *GacNum* Vol. 97-98 (1990) pp. 45-52.

130 AMELA VALVERDE, L. La circulación monetaria Romano-republicana durante la guerra Sertoriana, según las ocultaciones de la época (82-72 a.C.). *GacNum* Vol. 97-98 (1990) pp. 19-30.

The author studies the hoards deposited between 85 and 69 BC. (Leandre Villaronga)

131 AMELA VALVERDE, L. El nomen Pompeius en la numismática hispana y su relación con Cneia Pompeyo Magno. *GacNum* Vol. 96 (1990) pp. 13-18.

The author studies the coinage of the magistrates with the name Pompeius. (Leandre Villaronga)

132 ARROYO ILERA, R. Estudio numismático del yacimiento tardorromano del Albir (Altea-Alacant). *ActaNum* No. 17-18 (1990) pp. 153-172.

The author studies 89 coins dating to the late Roman empire. (Leandre Villaronga)

133 ARSLAN, ERMANNIO A. *Monetazione aurea ed argentea dei Brettii*. Milan, Glauk, Collana di Studi e di Ricerche di Numismatica Vol. 4, (Edizioni Ennerre s.r.l., 1989) 173 pp. illus.

The author considers the similar themes found on the gold and silver issues of the Bruttii and Rome. The issues of Bruttii, concentrated in the Hannibalic Age

(215-203 BC), are struck by the Petelia mints first and then the Crotone mints. The iconographic repertory (Dioscuri, Nike, Veiled Hera) generally manifests an ideological opposition to Rome and touches upon the local paternal and religious beliefs.

(Andrea Carignani)

134 BASTIEN, PIERRE. Le médaillon de plomb de Lyon. *Numismatique Romaine, Essais, recherches et documents*. Vol. 18 (Wetteren, 1989) 45 pp. illus.

A new study of the lead medallion found at Lyons in 1862 is given. This proof of a gold medallion reverse poses many problems of interpretation, mintage and chronology. Finally the author thinks this reverse die was engraved at Trier, probably in 297 and represents some Germans crossing the Rhine on the bridge between Castellum and Mogontiacum, receiving a largitio from Diocletian and Maximian before settling in Gaul. (Author)

135 BASTIEN, PIERRE, AMANDRY, MICHEL and GAUTIER, GEORGES. Le Monnayage de l'atelier de Lyon (274-413), supplément. *Numismatique Romaine, Essais, recherches et documents*. Vol. 18 (Wetteren, 1989) 75 pp. illus.

This supplement to the coinage of the mint of Lyons issued between 274 and 413 includes more than 250 coins. The most significant aspect of the supplement is the existence of a silver coinage beginning in 294. This discovery will overturn previously held ideas concerning monetary production in Gaul in the Tetrarchic period. Now there are 4 known argentei issued respectively: 2 in 294, 1 in 296 and 1 in 307. (Authors)

136 BASTIEN, PIERRE. Perpetuitas imperi et le monnayage de Valentinien I. *Studia numismatica Labacensia Alexandro Jeločnik oblata*. Peter Kos and Zeljko Demo, Eds. *Situla* Vol. 26 (1988) (Ljubljana) pp. 159-163.

The author gives an interpretation of a bronze coin struck at Sirmium at the beginning of the reign of Valentinian I, showing a divine hand offering to the emperor a shield on which is represented a swastika. (Author)

137 BEAUCHAINE, L.E. Graeco-Egyptian Religion and Roman Policy on a Coin of Alexandria. *SAV* Vol. 18 No. 1 (July 1990) pp. 4-7 illus.

The manner in which the reverses of Alexandrian coins are described in lists and catalogues is adequate, but there is no explanation of the symbolism or purpose for selection by mint officials. The author points out that the depicted gods promote Roman policy and indicate approval of the Emperor's deeds in Egypt. (Vic Kozik)

138 BERTINO, ANGELO. Albisola Superiore (Savona). Monete rinvenute nella villa romana negli scavi archeologici dal 1957 al 1976. *BollNum* Vol. 11 (1988) pp. 193-198 illus.

The author publishes 22 Roman coins (from Tiberius to Constans II) as well as modern coins, coming from old excavations in the villa-mansions of Alba Docilia near Albisola (Savona). (Andrea Carignani)

139 BLAND, ROGER and BURNETT, ANDREW, Eds. *The Normanby Hoard and other Roman Coin Hoards*. Coin Hoards from Roman Britain, Vol. VIII. (London, British Museum 1988) 238 pp. illus.

Eighteen hoards (1st through 5th centuries) are published. The volume is dominated by a hoard of 47,909 coins from Normanby, Lincs., buried ca. AD 290, published by the editors. Among topics arising from the study of this huge hoard are new classifications of the coinages of Claudius II and the Tetricks and an attribution of the Divus Claudius coinage to the reign of Aurelian. (Edward Besly)

140 BLAZQUEZ, C. Tesorillos de moneda republicana en la península ibérica. Addenda Roman Republican Coin Hoards. *ActaNum* No. 17-18 (1990) pp. 105-142.

An inventory of 119 hoards is published to complement Crawford's *Roman Republican Coin Hoards*. (Leandre Villaronga)

141 BLAZQUEZ CERRATO, C. The distribution of Emeritan coins and terra sigillata. *Proceedings of the 10th International Congress*. London. September, 1986. (London, IAPN 1989) pp. 173-180.

142 BONELLO LAI, MARCELLA. Pani di piombo rinvenuti in Sardegna. *Studi sardi* Vol. 27 (1986-1987) (Sassari, Gallizzi editore 1987) pp. 7-39.

A summary and catalogue of the lead ingots found in diverse circumstances in Sardinia and kept in the museums of Dorgali, Oristano and Sassari. The pieces, presented with the onomastic information and with observations on the diffusion on this class of material, are all dated to the Republican age (end of the 3rd to the 1st century BC) with the exception of two Imperial examples of the Augustan and Hadrianic periods. (Andrea Carignani)

143 BOON, G.C. Counterfeit coins in Roman Britain. *Coins and the Archaeologist*. J. Casey and R. Reece, Eds. Second edition. (London, 1988) pp. 102-188 illus.

A completely revised and updated version of the author's study first published in 1974. See *NL* 94-219. (Edward Besly)

144 BULGARELLI, FRANCESCA. Albisola Superiore (Savona). Monete dagli scavi della villa romana e da rinvenimenti nel territorio dell'antica Alba Docilia. *BollNum* Vol. 11 (1988) pp. 184-192 illus.

In the article the author presents 22 Roman coins from Tiberius to Magnentius from the villa-mansion of Alba Docilia and 6 coins from Claudius to Maxentius found in the territory. (Andrea Carignani)

145 BURNETT, A.M. and BLAND, R.F., Eds. *Coin Hoards from Roman Britain*. Vol. VI. (London, British Museum Occasional Paper No. 58, 1986) 186 pp. illus.

The authors publish 26 hoards, dating from the 1st through the 3rd centuries AD. A triple hoard of the period AD 269-274 from Colchester, Essex, and two hoards of counterfeit denarii are notable.
(Edward Besly)

146 BURNETT, A.M. and BLAND, R.F., Eds. *Coin Hoards from Roman Britain. Vol. VII.* (London, British Museum Occasional Paper No. 59, 1987) 208 pp. illus.

The authors publish 18 hoards, dating from the 4th-5th centuries AD.
(Edward Besly)

147 BURSCHE, ALEKSANDER. Znaleziska monet rzymskich z Małopolski [Roman Coin Finds from Little Poland]. *WN* Vol. 32 (1988, publ. 1990) pp. 207-214. English summary.

The author publishes corrections and additions to the previous inventory of the Roman coin finds in Little Poland by A. Kunisz.
(Andrzej Mikołajczyk)

148 CAMPO, M. La ceca de Ebusus: Producción y función. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du colloque international organisé à Paris du 10 au 12 janvier 1986.* G. Depeyrot, T. Hackens, and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 119-132.

149 CASEY, P.J. and WEHHAM, P. A second-century *denarius* hoard from Grinton, North Yorkshire. *YorkshireArchJ* Vol. 12 (1990) pp. 9-11.

A hoard of 53 complete and 9 fragmentary denarii, found in 1988, is discussed. It closes with issues of M. Aurelius and Faustina II and was buried ca. AD 170.
(Edward Besly)

150 CENTENO, RUI M.S. Tesouro monetario romano de Regiao de Chaves. *Nummus* Vol. 11 (1989) pp. 99-122.

The author discusses 212 antoniniani, denarii and aureliani, dating from Valerian to Carus.
(Leandre Villaronga)

151 CLAY, CURTIS L. Retrograde letters and the supposed use of letter punches in the manufacture of Roman Imperial coin dies. *NCirc* Vol. 98 No. 4 (May 1990) p. 123.

Two Lugdunese asses of Vespasian published as irregular or counterfeit in *NCirc* 1989, pp. 292-294, are reinstated as regular products. Engraving errors demonstrate the freehand production of legends, not the use of punches.
(Edward Besly)

152 CURNOW, P.E. The Coins. *Excavation of the Iron Age, Roman and Medieval Settlement at Gorhambury, St. Albans.* English Heritage Archaeological Report No. 14. (London, 1990) pp. 105-112.

14 British (Celtic) and 310 Roman coins from excavations are listed and discussed in the context of other site finds from the Chittern's area.

(Edward Besly)

153 ERCOLANI COCCHI, EMANUELA. I rinvenimenti in Emilia Romagna e l'origine della moneta. *Rivista storica dell'antichità* Vol. 17-18 (1987-1988) (Bologna, Patròn editore 1989) pp. 159-177 illus.

After a brief introduction dedicated to the definition of the problem of the origin of coinage, based on archaeological documents the author analyzes the situation of the discoveries in Emilia Romagna which refer to the premonetary epoch and the first manifestations of a monetary economy. The examination extends from the end of the 3rd century BC to the introduction of Roman coinage. (Andrea Carignani)

154 FALCO FUERTES, V. Tesorillo de bronce Alto-imperiales hallado en la Ville romana de Uxó (Vall de Uxó, Castellón). *GacNum* No. 97-98 (1990) pp. 95-100.

The authors describe 6 coins, dating from Vespasian to Domitian. (Leandre Villaronga)

155 GARCIA-BELLIDO, M. PAZ. Punic iconography on the Roman denarii of M. Plaetorius Cestianus. *AJN* Vol. 1 (1989) pp. 146-158 illus.

The iconography of M. Plaetorius Cestianus's denarii has been usually interpreted as reference to different Italic or Roman divinities without any interrelationship. It is argued here that the two issues are closely connected and both are dedicated to Tanit as Dea Caelestis as well as to the rest of the Maximal Triad of African gods—Ba'al, Hammon and Eshmun—represented under Roman interpretation as Jupiter and Aesculapius. These issues are then the oldest testimonies of Caelestis cult in Rome confirmed by the literary text of Macrobius (3.9.7) and Servius (*ad Aen.* 12.841). (Author)

156 GOMIS JUSTO, M. Les monedes de la colección L. Tormo (Sagunto). *GacNum* No. 97-98 (1990) pp. 101-110.

The author discusses a hoard of late Roman imperial coins. (Leandre Villaronga)

157 GORINI, GIOVANNI. Le Monete. *Il Carso Goriziano tra protostoria e storia. Da Castellazzo a San Polo. Catalogo della mostra*. E. Montagnari Kokeli, Ed. (Gorizia, Provincia di Gorizia, Museo Provinciale di Borgo Castella Ed., 1989) pp. 42-54 illus.

The author describes 895 bronze examples, dating to the third and fourth decades of the 5th century, discovered in the Colle di Castellazzo, in Carso di Gorizia. These coins are probably part of a great hoard, dispersed over a vast area. The find includes imitations, fractions (halves and quarters), and lead slugs. (Sara Sorda)

158 GRASSI, MARIA TERESA. Rinvenimenti monetali da Angera (Varese), scavi 1980-1984. *BollNum* Vol. 11 (1988) pp. 7-151 illus.

An in-depth presentation with catalogue and analytic indices of the numismatic

material found during the excavation of an Imperial building (3rd-5th century AD) at Angera. The 285 coins (27 asses and dupondii, 204 sestertii, 2 denarii, 33 antoniniani, 17 late imperial bronzes) range from Augustus to the 5th Century AD. These coins apparently formed two separate hoards: the first (A) may have been deposited ca. the middle of the 3rd century AD, while the second (B), composed of antoniniani, dates ca. AD 270-275. (Andrea Carignani)

159 HALEY, EVAN. The Roman Bronze Coinage in Britain and Monetary History from A.D. 293 to 350. *AJN* Vol. 1 (1990) pp. 89-116.

The seriation of the British billon hoards reveals breaks that support the thesis of an official demonetization in AD 318 and unofficial one in 348. Hoard breaks in 307 and 330 reflect Gresham's law. A calculation of the intrinsic value of nummi pre- and postdating the reform of 318 support the hypothesis that the nummus was retariffed at 100 d.c. from 25 d.c. only in 324. Moreover, the continued circulation of centenionales communes after the monetary reform and de facto demonetization of 348 parallels the evident circulation in Britain of officially demonetized nummi years after the reform of 318. (Author)

160 HOBLEY, ANDREW S. The numismatic evidence for the Post-Agricolan abandonment of the Roman frontier in Northern Scotland. *Britannia* Vol. 20 (1989) pp. 69-74.

161 ILIESCU, OCTAVIAN. Despre monedele din tezaurul de la Suluc și alte contribuții privind aceeași descoperire [On the Coins from the Hoard from Suluc and Other Contributions Regarding the Same Discovery]. *Pbn-tica* Vol. 20 (1987) pp. 181-205 illus. French summary.

The author republishes the four gold coins issued under the rules of Hostilian and Gallienus, belonging to the hoard from Suluc (Tulcea county), found in 1911. To the same hoard belong also the head and a hand amulet, both in gold, which form the evidence on which the author dates the whole hoard to the end of the 4th century or the beginning of the 5th century AD. (Constantin Preda)

162 IRIMIA, M. and CONNOVICI, N. Așezarea getic-fortificată de la Sastu Nou, jud. Constanța [The Getic Fortified Site from Satu Nou, Constanța County]. *Thraco-Dacica* Vol. 10 (1989) p. 148. French summary.

In the Getic settlement from Satu Nou (Dobroudja) a coin issued by Tomis in the autonomous period was found. This coin has as a countermark a star. (Constantin Preda)

163 KACZANOWICZ, WIESŁAW. Allectus' coin from Lithuania. *NCirc* Vol. 98 No. 5 (June 1990) p. 159 illus.

A London 'quinarius' found in Kauras in 1959 is published. (Edward Besly)

164 KING, C.E. Claydon Pike, Fairford, Glos.: 42 radiates to A.D. 296. *Coin Hoards from Roman Britain*. Vol. VI. A.M. Burnett and R.F. Bland, Eds.

(London, British Museum Occasional Paper No. 58, 1986) pp. 183-186.

A hoard of 42 radiates extending from Gallienus to Allectus is recorded and discussed briefly. (Author)

165 KING, C.E. Fenny Stratford, Bucks: 305 bronze coins to A.D. 355. *Coin Hoards from Roman Britain. Vol. VII.* A.M. Burnett and R.F. Bland, Eds. (London, British Museum Occasional Paper No. 59, 1987) pp. 181-186.

A hoard of the mid-4th century bronze coins consisting largely of imitations is recorded and discussed briefly. (Author)

166 KING, C.E. Fifth century silver coinage in the Western Roman empire (401-413). *Mélanges de Numismatique offerts à Pierre Bastien.* H. Huvelin, M. Christol, G. Gautire, Eds. (Wetteren, 1987) pp. 285-295.

The author analyses the silver coinage of the Gallic usurpers and Maximus in Spain in the early 5th century AD noting the maintenance of a weight standard at ca. 1.5 g and the deterioration in style from 4th century issues. (Author)

167 KING, C.E. Fifth century silver issues in Gaul. *Studia Numismatica Labacensia.* P. Kos and Z. Demo, Eds. pp. 197-212.

The author examines three groups of the 5th century AD: 'unofficial' silver issues produced in Gaul. An attempt to establish by whom the coins were issued as well as reasons is made. (Author)

168 KING, C.E. Kemsford, Glos.: 26 bronzes to A.D. 87, and 4 bronzes to Antoninus Pius. *Coin Hoards from Roman Britain. Vol. VI.* A.M. Burnett and R.F. Bland, Eds. (London, British Museum Occasional Paper No. 58, 1986) pp. 15-21.

A hoard of 31 Roman bronzes of the 1st and 2nd centuries is recorded and discussed in the context of comparable finds. (Author)

169 KING, C.E. *Roman Silver Coins. Vol. 5: Carausius to Romulus Augustus.* (London, 1987).

This volume completes the series and is unique in presenting an overview of the Roman silver coinage of the 4th and 5th centuries AD by mint and issue subdivided into major chronological periods. (Author)

170 KING, C.E. Stanton Harcourt, Oxon: 22 and 23 bronze coins to A.D. 320. *Coin Hoards from Roman Britain. Vol. VII.* A.M. Burnett and R.F. Bland, Eds. (London, British Museum Occasional Paper No. 59, 1987) pp. 35-43.

Two small hoards of the earlier 4th century are recorded and discussed in the context of their somewhat unusual composition in relation to the reform of the coinage in 318. (Author)

171 KING, C.E. The alloy content of the antoninianus, A.D. 253-268. *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN, 1989) pp. 289-292.

The alloy content of the mid-3rd century antoninianus is discussed and shown to vary significantly between mints in issues of the same date. (Author)

172 KING, C.E. West Wycombe, Bucks: 87 bronze coins to A.D. 353. *Coin Hoards from Roman Britain. Vol. VII.* A.M. Burnett and R.F. Bland, Eds. (London, British Museum Occasional Paper No. 59, 1987) pp. 175-180.

A hoard of the mid-4th century bronze coins is recorded and discussed in the context of the reform of the coinage in 348. (Author)

173 KLEINER, FRED S. Galba and the Sullan Capitulum. *AJN* Vol. 1 (1989) pp. 71-77 illus.

The reverse of an apparently unique Alexandrian AE drachma in the ANS reproduces the Sullan Capitulum in Rome. The coin provides evidence, together with Vespasianic issues from the mint of Rome, that the late Republican temple had barrel-vaulted cellas. The drachma also underscores the pride Galba took in his descent from Quintus Lutatius Catulus Capitolinus, restorer of Rome's greatest temple. (Author)

174 KOKHAVI, M.A. *Aphek in Canaan - The Egyptian Governor's Residence and its Finds.* (Israel Museum, 1990) 73 pp. in Hebrw; 28 pp. in English.

An exhibition catalogue of finds made during the excavation of this site known as Antipatris in the hellenistic-Roman periods. On p. 26 one of the rare coins struck by Elagabalus at this mint is illustrated and described (not in the *BMC*, compare Vol. I, p. 34, no., Rosenberger Coll. Cat.). (Arnold Spaer)

175 KOLENDO, JERZY. Nieznane znaleziska monet rzymskich w materiałach z archiwum Towarzystwa Warszawskiego Przyjaciół Nauk 1800-1832 [Unknown Finds of Roman Coins in the Archives of the Warsaw Society of Friends of Sciences, 1800-1832]. *WN* Vol. 32 (1988, publ. 1990) pp. 269-284. English summary.

The numismatic collection of the Warsaw Society in the first third of the 19th century, known from archival data, contained 12 unknown hoards or single finds of Roman coins, recorded in Poland and Ukraine. (Andrzej Mikołajczyk)

176 KRUSZYŃSKI, MIROSŁAW. Zaginiony skarb denarów rzymskich z Kielecczyny [The Lost Hoard of Roman Denarii from the Kielce Region]. *WN* Vol. 32 (1988, publ. 1990) pp. 195-201 illus. English summary.

Forty Roman denarii from Titus to Helvius Pertinax are only a part of the dispersed hoard found in the first quarter of the 20th century in the Kielce region. (Andrzej Mikołajczyk)

177 KUNISZ, ANDRZEJ. Obieg monetarny w Cesarstwie Rzymskim w I-IV wieku - cechy charakterystyczne [Monetary Circulation in the Roman Empire from the 1st to the 4th Century AD—Characteristic Features]. *Prac-Mat* No. 9 (1989, publ. 1990) pp. 15-31. English summary.

The author presents the fundamental features of the monetary circulation in the Roman Empire including the mint policy, monetary reforms and various equivalences on the coin market.
(*Andrzej Mikołajczyk*)

178 LA ROCCA, EUGENIO. Pompeo Magno "Novus Neptunus." *BullCom* Vol. 92 (1987-1988) pp. 265-292 illus.

In this article the problem of the Sicilian issues of 42 BC of Sextus Pompey is discussed. In these issues of aurei and denarii, famed for their propagandistic purpose, the person of Pompey the Great, the father of Sextus, is assimilated to Neptune.
(*Andrea Carignani*)

179 LALLEMAND, JACQUELINE. Inventaire des monnaies de Mageroy. *Amphora* No. 52 (June 1988) pp. 30-33.

The description of 29 Roman coins and one coin of the prince-bishopric of Liège (17th century), found in a Roman villa at Habay-le-Vieille (province of Luxembourg, Belgium), is given.
(*Johan van Heesch*)

180 MARCOS ALONSO, C. Monedas romano-republicanas de SEX.IVLI y CN.CO del MAN. *Boletín del Museo Arqueológico Nacional* (Madrid) Vol. 7 No. 1-2 (1989) pp. 85-88.

181 MARQUES DE FARIA, A. Ipses, una ceca hispano-romana do Sudgeste. *ActaNum* Vol. 17-18 (1989) pp. 101-104.

182 MARTINI, RODOLFO. Note sulla distribuzione delle emissioni bronzee del *Divos Iulius*. *Notizie dal chiostro del Monastero Maggiore* Vol. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano, 1989) pp. 39-42 illus.

The author discusses the propagandistic message and fiduciary circulation in the military sphere in the issues of *Divos Iulius* with the double portraits of Caesar and Octavian struck by the latter between the Perugian War and the defeat of Sextus Pompey (41-36 BC).
(*Andrea Carignani*)

183 MATEI, CRISTIAN. Cercetări arheologice în zona instalației portuare antice de la Capidava [Archaeological Research in the Area of the Ancient Harbor of Capidava]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 95-101. English summary.

Some Roman coins from Hadrian, Faustina, Septimius Severus, Elagabalus, Probus and others unspecified from the 4th century were discovered near the harbor of the Roman-Byzantine fortress in Capidava (Dobroudja).
(*Constantin Preda*)

184 MC LINDEN, J.A. Roman coins from Hayton, East Yorkshire. *YorkshireArchJ* Vol. 62 (1990) pp. 13-28.

1,255 coins found by metal-detector users are summarized, covering the entire period of the Roman occupation of Britain. Evidence for on-site counterfeiting late in the 3rd century comes from cast coins with broken casting spines and one specimen *in situ* in part of a clay mold. (Edward Besly)

185 MITKOWA-SZUBERT, KUNKA. Skarb rzymskich denarów z nieznannej miejscowości w zbiorach PMA a Warszawie [The Roman Denari Hoard of Unknown Provenance in the Collection of the State Archaeological Museum in Warsaw]. *WN* Vol. 32 (1988, publ. 1990) pp. 190-194. English summary.

The hoard of ca. 26 Roman denarii, ranging from Trajan to Commodus, is presented. (Andrzej Mikołajczyk)

186 MORA SERRANO, B. Monedas de Riogordo (Malaga) (Bajo Imperio). *GacNum* No. 97-98 (1990) pp. 111-114.

An inventory of 14 coins is published. (Leandre Villaronga)

187 MORA SERRANO, B. and SEDEÑO FERRER, D. Tesoro de Aurei hallado en Malaga. *Meineke* Vol. 10 (1988) pp. 101-111.

The author discusses 87 aurei, dating from Nero to Commodus. (Leandre Villaronga)

188 NATKANSKI, KAROL E. Kolekcja monet "Roku czterech cesarzy" i władców dynastii flawijskiej w zbiorach Muzeum Archeologicznego i Etnograficznego w Łodzi [Collection of Coins from the Period of the Four Emperors and the Flavian Dynasty in the Archaeological and Ethnographical Museum in Lodz]. *PracMat* No. 9 (1989, publ. 1990) pp. 33-59 illus. English summary.

143 Roman coins (AD 69-96) from the numismatic collection of the Archaeological and Ethnographical Museum in Lodz are catalogued. (Andrzej Mikołajczyk)

189 NIELSEN, SVEND. Roman denarii and Iron-Age Denmark. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 29-35.

190 OCHESEANU, R. and CLIANTE, T. Măsură ponderală romano-bizantină descoperită la Rasova, jud. Constanța [Roman-Byzantine Weight Discovered in Rasova, Constanța County]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 173-174 illus. French summary.

In 1981 in Rasova village a weight bearing the **IB** inscription was discovered; its weight of 51.58 g is equal to a sextans and to 1/6 of a libra. (Constantin Preda)

191 OCHESEANU, R. and VERTAN, A. Monede de aur și argint din sec. IV-V e.n. descoperite în Dobrogea [Gold and Silver Coins from the 4th-5th AD discovered in Dobroudja]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 161-168 illus. French summary.

Late Roman gold and silver coins from Constantine II, Julian, Jovian, Valentinian I, Valens, Theodosius I, Marcianus and Procopius were discovered in Callatis, Ibida, Noviodunum, Salsovia, Tomis, Beroe and Telita. (Constantin Preda)

192 ÓVÁRI, FERENC. III. századi antoninianusok gyakorisági sorrendje. III. rész. Decius császár és családjának veretei [The Frequency Series of Antoniniani of the 3rd Century. Part III. The Coins of Emperor Decius and his Family]. *AzÉrem* No. 1 (1990) pp. 3-7.

The author has constructed a frequency series of the coins of Decius, Etruscilla, Etruscus, Quintus Hostilianus identified by *RIC*. He proves that seven types of antoniniani of Decius are frequent and antoniniani of Etruscilla with legend **PVDICITIA** is also frequent. (István Gedai)

193 PARISE, NICOLA F. Le monete a leggenda "FIR." *Firmum Picenum* I.L. Polverin, N.F. Parise, S. Agostini, and M. Pasquinucci, Eds. (Pisa, Giardini Editori 1987) pp. 77-85 illus.

On the basis of scant numismatic documentation collected by the author, the function and the role of the coinage of Firmum is delineated by the weight differences with the other issues of the mid-Adriatic cities. The analogy and the relationship with the corresponding Roman series confirms instead the close bonds between Rome and Firmum, a Latin colony ca. 264 BC. (Andrea Carignani)

194 PENNESTRI, SERAFINA. Note sull'iconografia monetale del Circo Massimo e dei suoi monumenti. *ArchCl* Vol. 41 (1989) pp. 397-419 illus.

The author analytically studies the monetary representations of the Circus Maximus on 13 coins and medals dating between 42 BC (M. Antony) and the late Imperial age (contorniates of the 3rd-4th centuries AD). The in-depth study of the types yields new important information on the numerous minor monuments (obelisk, turning post, statues, sacred objects, etc.) which crowd the length of the building. (Andrea Carignani)

195 PETOLESCU, M. CARMEN. Primul război dacic al lui Traian reflectat în emisiunile monetare [The First Dacian War of Trajan Reflected in Monetary Issues]. *Thraco-Dacica* Vol. 10 (1989) pp. 225-228. French summary.

The author presents the coins issued by Trajan that commemorate the first war against the Dacians. (Constantin Preda)

196 PONCELET, CAMILLE. Un antoninien hybride inédit de Victorin Divus (271/272). *CENB* Vol. 25 (1988) pp. 73-75 illus.

Three antoniniani of the divinized Victorinus are described. One coin shows Salus on the reverse and must be a hitherto unpublished hybrid. (Johan van Heesch)

197 RICHARD, J.-C. Des imitations de Rhodé et d'Emporion aux monnaies à la croix: armées ou économies? *Rythmes de la production monétaire, de l'Antiquité à nos jours, Actes du colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens, and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 93-98.

On the basis of a hoard of imitations from Marseilles and Emporion, discovered in Bridiers (Creuse), the author discusses its significance in light of its presence in an important mining area. (Author)

198 RICHARD, J.-C. and GILLY, J.-C. Les découvertes monétaires de Vic-le-Fesq (Gard), les monnaies isolées. *Cahiers Numismatiques. Bulletin de la Société d'Etudes Numismatiques et Archéologiques* Vol. 26 No. 100-101 (1989) pp. 502-504, 508-509.

The author publishes 32 coins discovered in the area of this commune, comprising of coins from Gaul and Rome, dating from the end of the Republic to the beginning of the 5th century. (Author)

199 RICHARD, J.-C. Les monnaies. *L'oppidum d'Ambrussum et son territoire, fouilles au quartier du Sablas (Villetelle, Hérault): 1979-1985*. J.-L. Fiches, Ed. (Paris, 1989) pp. 120-133.

The author catalogues 281 coins discovered in the 1979-1985 excavations of this *mutatio* of the *Via Domitia* (coinage of Gaul, Roman Republic and Roman Empire). The coinage ranges up to the end of the 4th century AD. (Author)

200 RICHARD, J.-C. Les monnaies de Rhode en Gaule. *Mélanges Pierre Lévêque. Vol. 3 Anthropologie et société*. (Paris, 1989) pp. 337-380.

On the basis of a coin from the Greek city of Rhodes (Rosas, Spain), discovered in France, the author studies the circulation and role of this coinage in Gaul. (Author)

201 ROMUALDI, ANTONELLA. Un tesoretto di monete repubblicane dalla zona di Campiglia Marittima (LI). *Rassegna di Archeologia* Vol. 8 (1989) (Florence, Insegna del Giglio 1989) pp. 235-249 illus.

The author publishes a small hoard of 21 Republican denarii found near Campiglia (Livorno). The hoard, comprising pieces dating between the second half of the 2nd and the first half of the 1st century BC, was deposited ca. 55 BC. (Andrea Carignani)

202 SAGREDO SAN EUSTAQUID, L. Circulación monetaria de la plata en la Hispania del siglo II d.C. *Especio, Tiempo y Forma, Serie 2, 1. Homenaje al Prof. E. Ripolle*. (Madrid, Universidad Nacional de Educación a Distancia 1988) pp. 341-362.

A hoard of 183 coins, of which 155 cover the period 193-235, is discussed.

(Leandre Villaronga)

203 SAGREDO SAN EUSTAQUID, L. and ZUMEL MENOCAL, L. Estudio de monedas tardorromanas procedentes de Coca. *Numisma* No. 192-203 (1985-1986) pp. 9-32.

A hoard of 32 coins is described.

(Leandre Villaronga)

204 SAGREDO, L. Le distribución monetaria de la ceca de Kaiskete-Cascentum en le Mesete Norte. *GacNum* No. 97-98 (1990) pp. 31-34.

205 SARKISSIAN, HENRY. The Dinars of the Armenian King Artavard IV. *Notizie dal chiostro del Monastero Maggiore* Vol. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano, 1989) pp. 57-59.

The author publishes four denarii of King Artavard IV, who after the fall of Tigranes IV, was placed by Augustus on the throne of Armenia (AD 4-6). His coins bear on the obverse the head of the king and on the reverse the portrait of Augustus with laurel crown.

(Andrea Carignani)

206 SCHULZKI, HEINZ-JOACHIM. Die Fundmünzen der römischen Strassenstation Flerzheim—Untersuchungen zum Münzgeldumlauf in der Germania Inferior. *Beihefte der Bonner Jahrbücher* Vol. 48 (Cologne/Bonn, 1989) 159 pp.

The study concerns a list of ca. 2,000 Roman coins from the 2nd century BC to the early 5th century AD, found at a mansion near Bonn, and a detailed survey of Roman imperial coin circulation in northern Gaul and Germany compared with different parts of the Roman Empire.

(Author)

207 SCHULZKI, HEINZ-JOACHIM. Ein neuer Münzschatzfund aus der Endphase des gallischen Sonderreichs. *NNb* Vol. 39 (1990) pp. 24-30.

A 3rd century hoard containing 648 radiates (294 regular, 354 imitations) from AD 260 to AD 275 is reconstructed before it was sold in lots between 1986 and 1988.

(Author)

208 SERAFIN PETRILLO, PATRIZIA. Sul contenuto argenteo di alcune serie espaniche. *BollNum* Vol. 11 (1988) pp. 161-167 illus.

The examination of the end of several monetary series struck in the Iberian mints around the time of the Roman conquest reveals the presence of one silver standard rather elevated in the first phase and reduced in the subsequent phase. Following the exploitation of the silver mines by Rome, the mints returned to the initial elevated practice.

(Andrea Carignani)

209 SHOTTER, D.C.A. Roman coin-finds in Cumbria. *TransCum & WA*

♂ AS Vol. 89 (1989) pp. 41-49.

210 STEWART, IAN. The London *Adventus* of 307. *BNJ* Vol. 58 (1988) p. 123 illus.

The author publishes a specimen of *RIC* VI, London No. 82, and discusses differing views about the significance of the use of the *Adventus* types in 307 and on other occasions by Constantine the Great. (Author)

211 SUKIENNIK, GABRIELA. *Catalogue of Ancient Coins in the Ossoliński National Institute Library. Part 2. Coins of the Roman Empire. Augustus-Domitianus.* (Wrocław-Warsaw-Krakow-Gdansk-Lodz, 1989) 96 pp. illus. Polish preface.

Almost 500 Roman Imperial coins from the collection of the Ossoliński National Institute Library in Wrocław are catalogued and fully illustrated.

(Andrzej Mikołajczyk)

212 SYLLOGE NUMMORUM ROMANORUM ITALIA. *Milano, Civiche accolte Numismatiche. Vol. I: Giulio-Claudii, 1-3.* R. Martini, Ed. (Milan, Comune di Milano 1990) 572 pp. illus.

The editor publishes the collection of the Museo Civico of Milan, organized according to the accepted arrangement of the *SNG*. (Sara Sorda)

213 SYMONS, DAVID. A Chop-marked denarius? *SCMB* No. 848 (March 1990) pp. 42-43 illus.

The author publishes and discusses a denarius of Q. Caecilius Metellus Pius (*Cr* 374/1). Among 5 banker's marks is one that seems to be the Chinese character *tien*. (Edward Besly)

214 SYMONS, D. The Coins. Roman Chesterfield: excavations by T. Courtney, 1974-78. P. Ellis, Ed. *DerbyshireArchJ* Vol. 109 (1989) pp. 51-130.

On p. 85 the author summarizes 22 coins from sites dating to the 1st and 2nd centuries. (Edward Besly)

215 TAMEANKO, MARVIN. Three Dimensional Graphics on Ancient Coinage. *SAN* Vol. 18 No. 1 (July 1990) pp. 8-15 illus.

The ancient Greeks were the first to use graphic perspective on their coins before 500 BC. The Romans in the 1st century AD learned the theory of perspective from Greek sources, but improved on the technique to the extent that the reverses depicting architecture were accomplished enough to depict two or more buildings three dimensionally. (Vic Kozik)

216 TUNIA, KRZYSZTOF. Aureus Galliena z Działoszyc, woj. kieleckie [Gallienus' Aureus from Działoszyce, prov. Kielce]. *WN* Vol. 32 (1988, publ. 1990).

The perforated aureus of Gallienus (AD 253-268), found in Little Poland, is discussed. Most of the 63 gold coins dating to the 3rd century AD recorded in Poland were perforated, which suggests their non-monetary role. (Andrzej Mikołajczyk)

217 TURCAN, ROBERT. Jetons romains en plomb: problèmes de datation et d'utilisation. *Latomus* Vol. 47 No. 3 (July-Sept. 1988) pp. 626-634 illus.

Some Roman lead tesserae show types also found on Roman quadrantes ranging from Domitian to Hadrian. This observation makes it possible to suggest a *terminus post quem* for these tesserae. Furthermore, some general suggestions about the use of these small objects are given. (Johan van Heesch)

218 TUSA CUTRONI, ALDINA. Palermo in età imperiale romana. La zecca di Panormo nella prima età imperiale. *Kokalos* Vol. 33 (1987) pp. 275-283 illus.

The author examined the bronze series issued by Panormo which, in the opinion of the author, began in the last quarter of the 1st century BC and lasted until ca. AD 20. Included are brief remarks by R. Macaluso concerning a find housed by the Museo Archeologico of Palermo—an unpublished hoard of Imperial bronzes of the 3rd century, discovered in 1899. (Sara Sorda)

219 VALLADARES SOUTO, J.M. Moticia do aparecimento de um sestercio de Severo Alexandre am Loule Velho. *Nummus* Vol. 11 (1988) pp. 95-98.

220 VAN HEESCH, JOHAN. Lokale muntslag en valsmunterij tijdens de eerste drie eeuwen van de Romeinse keizertijd [Local coinage and counterfeiting during the first three centuries of the Roman empire]. *JEGMP* (1988) pp. 211-222 illus.

Besides a general survey of the local coinages and the methods of counterfeiting in the western Roman Empire during the first three centuries AD, a description with illustration of some imitations found at Tongeren (Limburg, Belgium) is given. (Author)

221 VANNI, FRANCA MARIA. Acquisti e donazioni degli anni trenta al Museo Archeologico di Siena. *Rassegna di Archeologia* Vol. 8 (1989) (Florence, All'Insegna del Giglio 1989) pp. 257-262.

The author publishes ca. 40 Roman imperial coins of unknown provenance, acquired by or donated to the Museum of Siena over the last 30 years. (Andrea Carignani)

222 VELASCO CARRILLO DE ALBORNOZ, F. Tesorillo de bronce bejompiales hallado en Orippa (Dos Hermanas, Sevilla). *GacNum* No. 97-98 (1990) pp. 115-124.

The author discusses a hoard of 345 coins. (Leandre Villaronga)

223 VERTAN, A. and OCHESEANU, R. Tezaurul de monede roane tîrzii

de la Straja, jud. Constanța [The Late Roman Hoard from Straja, Constanța County]. *Pontica* Vol. 20 (1987) pp. 147-179 illus. French summary.

In the late Roman site from Straja a hoard of 747 Roman Imperial coins from the 4th century AD and two barbarian imitations were discovered. The coins are issues from AD 337-378. The burial of the hoard is connected with the invasion of the Gothic *foederati*.
(Constantin Preda)

224 VIDAL BARDAN, J.M. El tesoro de bronce imperiales de Riópar (Albacete). *ActaNum* No. 17-18 (1990) pp. 143-152.

The author describes a hoard, the coinage of which ranges from Galba to Lucius Verus, apparently deposited ca. AD 170-172.
(Leandre Villaronga)

225 VIDAL GONZALEZ, P. Los hallazgos monetales del catálogo de J. Gaillard. *Saguntum* Vol. 22 (1989) pp. 343-361.

226 HOSKINS WALBANK, MARY E. Marsyas at Corinth. *AJN* Vol. 1 (1990) pp. 79-87 illus.

The reverse of a small issue of the Corinthian mint is recognized as 'Marsyas in the Forum.' The date of this single issue can be linked with epigraphic evidence which indicates, contrary to modern scholarly opinion, that at Corinth Marsyas on the coinage records the imperial gift of freedom from taxation. It is one of the earliest appearances of Marsyas used for this purpose.
(Author)

227 WATSON, BRUCE. A late Roman coin hoard from Fladbury. *TransWorcestersArchSoc* Third series, Vol. 11 (1988) pp. 80-82.

A hoard of 3 siliquae and 25 copper coins, terminus ca. AD 400, is published.
(Edward Besly)

228 WINSEMANN FALGHERA, ERMANNIO. P. Canidio Crasso: monetazione bronzea tardo-repubblicana. *Notizie dal chiostro del Monastero Maggiore* Vol. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano, 1989) pp. 35-38 illus.

The author examines a bronze coin of M. Antony with turreted head and crocodile, struck by P. Canidius Crassus. The author suggests an issue date of 37-36 BC and a provenance of a mint in Crete and a mint in Cyrenaica.
(Andrea Carignani)

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 4, 20, 21, 22, 24, 26, 29, 33, 35, 36, 40, 41.

Technology and Methodology, Nos. 47, 52, 53, 57, 60.

Greek, No. 89.

Punic, Nos. 104, 109, 110.

Etruscan, No. 112.

Iberian, Nos. 124, 125.

India, Nos. 321, 364.

Great Britain and Ireland, No. 429.

Western and Central Europe, No. 494.

BYZANTINE

- 229** BENDALL, S. A hoard of billon trachea of Theodore Comnenus-Ducas of Thessalonica (AD 1224-1230). *NCirc* Vol. 98 No. 1 (Feb. 1990) pp. 8-9 illus.

A hoard of 251 billon trachea is published. It includes a new type for Theodore.
(*Edward Besly*)

- 230** CHAMBON, A. Jerusalem - Notre Dame Monastery. *Hadashot Arch* Vol. 95 (1990) pp. 51-53. In Hebrew.

Dwelling houses found in the monastery area just outside the Old City of Jerusalem were dated to the early 7th century AD with the help of two gold coins of Phocas found on the site. A water pool was also dated by coins of Phocas found in it.
(*Arnold Spaer*)

- 231** GROMOTKA, GÜNTHER. Ein bisher unbekannter byzantinischer Gegenstempel. *Berichte* Vol. 29 No. 166 (1989) pp. 705-706 illus.

A hitherto unpublished circular counterstamp consisting of an X or cross on an Anastasius half follis is thought to have been used to signify a reduction to a quarter follis and also to have originated in Italy between 565 and 582.
(*Peter Ilisch*)

- 232** KUTCHER, R.R. In Introduction to Byzantine Coinage No. 60. *NI* Vol. 25 No. 7 (July 1990) pp. 163-166 illus.

This installment discusses the reign and coinage of Issac II (1185-1195). (*Joseph Uphoff*)

- 233** OCHESEANU, RADU. Două monede inedite de la Leon I [Two Novel Coins from Leo I]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 169-171. French summary.

The author presents 2 bronze coins from Leo I, discovered in Dobroudja. One of them was issued by Heraclea; the other was found in the zone of Durostorum, issued in Constantinople.
(*Constantin Preda*)

For additional references to Byzantine numismatics, see the following references:

General, Nos. 4, 21, 33, 36, 37, 38, 40, 41.
Near and Middle East, No. 244.
Eastern Europe and the Balkans, No. 635.

ANCIENT NEAR EAST

- 234** MITCHINER, M.B. Unusual early South Arabian coins of the Himyarite-Katabanian series. *CH* Vol. 7 (1985) pp. 74-76.

The author discussed in No. 148 coinage issued by the Himyarite King Tharan Ya'ub at the Raidan mint. An anonymous issue of Raidan and one issued by the Katabanian King Yeda'ab Yanaf are also discussed. (Author)

235 SELLWOOD, D. The end of the Parthian dynasty. *NCirc* Vol. 98 No. 5 (June 1990) p. 157 illus.

For additional references to the numismatics of the Ancient Near East, see the following abstracts:

General, No. 41.

Far East, Nos. 360, 361.

NEAR AND MIDDLE EAST MEDIEVAL AND MODERN

236 ALBUM, STEVE. The Earliest Qajar Coins of Tabaristan. *ONSN* No. 125 (July-Aug. 1990) pp. 3-4 illus.

The author considers the mint-name Tabaristan and its possible location. Two coins of Fatu 'Ali Shah from this mint, dated year 1236, are illustrated. (Stan Goron)

237 ALBUM, STEVE. The first known coin of Hosein Qoli Khan Qajar. *ONSN* No. 114 (Sept.-Oct. 1988) p. 5 illus.

A silver nyal of year 1216 from the Isfahan mint is published. Historical background is included. (Stan Goron)

238 AMAN, RAHMAN, JR. Abbasid: Al-Mustazhir. *ONSN* No. 116 (Jan.-Feb. 1989) pp. 2-3 illus.

The author publishes a coin of the Abbasid Caliph Abu'l Abbas Ahmad al-Mustazhir Billas of year 491 from the mint of Madinat-es-Salam. The coin cites the name of the Caliph and his son, but not that of the temporal ruler Rukn-ud-din Barkiyaruy. (Stan Goron)

239 BALAGUER, A.M. Diner inédit del comtet de Beselú. *ActaNum* No. 17-18 (1990) pp. 219-223.

The author discusses the legend **B L D O** on a coin discovered in Aleppo, Syria. (Leandre Villaronga)

240 BALAGUER, A.M. Encuny monetari Almohede. *ActaNum* No. 17-18 (1990) pp. 207-217.

The author studies the coinage of the Nuwahhids and the way in which it was struck. (Leandre Villaronga)

241 BATES, MICHAEL L. Another Umayyad Mystery Mint. *ONSN* No. 123 (March-April 1990) p. 4 illus.

The author describes a dirhem of year 79 with an unidentified mint-name which could read as 'al-Rawānī. (Stan Goron)

242 BATES, MICHAEL L. The Missing 1305 Quarter Qiran of Iran. *ONSN* No. 115 (Nov.-Dec. 1988) pp. 7-8 illus.

The author identifies the 1/4 rujal of H 1315 (Y.104) as the missing 1/4 Qiran of H 1305 (Y. 100). (Stan Goron)

243 BOFARULL I COMENGE, A. Troballe de fragments de dirhem de les Taifes. *ActaNum* No. 17-18 (1990) pp. 197-205.

The majority of coins in this hoard come from the mints of Valencia and Toledo, H 435-469 (AD 1043-1075) and Valencia, H 453-457 (AD 1061-1064). (Leandre Villaronga)

244 BONNER, MICHAEL. The Mint of Hārūnābād and al-Hārūniyya, A.H. 168-171. *AJN* Vol. 1 (1989) pp. 171-193 illus.

For three years one of the major mints of the 'Abbāsīd Caliphate operated at a site called Hārūnābād and then al-Hārūniyya. It is shown first that these two names do indeed refer to one and the same site. Where then was this mint located? The fortress town of al-Hārūniyya, located in the Syrian *thughūr* (Cilicia) may have been founded by Hārūn al-Rashīd at around this time. But why do the first three issues in the series bear the name of the province Armenia? Since R. Vasmer it has generally been assumed that the Hārūniyya of the coins was actually in Armenia, to the north-east of the Syrian *thughūr*. Here it is argued that the Hārūniyya of the coins was in fact the Cilician town familiar to the Arab geographers. The end of the year 168 saw a Byzantine invasion of this area, and emergency measures on the part of the Muslims. The Hārūnābād coins also seem to begin late in 168. The literary sources describe activity in the Syrian *thughūr* at this time on the part of Rawh b. Hātim, then governor of Armenia. Vasmer did not note this fact, which seems to clinch the argument for Cilician Hārūniyya. Arguing further for the Cilician location is the unrest in Armenia itself at this time, reported in Arabic and Armenian sources. The catalogue contains two Hārūnābād issues followed by fourteen of al-Hārūniyya. (Author)

245 BROOME, M. A Rare Safavid Royal Fals. *ONSN* No. 122 (Jan.-Feb. 1990) p. 4 illus.

The author publishes a fals of Ja'farabad dated year 980 on one side and year 978 on the other side. The coin bears an unusual warnig. (Stan Goron)

246 CANTO GARCIA, A. Algunas consideraciones sobre tipologia

epigráfica en les monedes andalusies de época omeya correspondientes a 'Abd al-Rahman III. *BolArqMedieval* Vol. 1 (1987) pp. 61-69.

247 CANTO GARCIA, A. An extraordinary issue of 'Abd al-Rahman III. *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN, 1989) pp. 401-408.

248 CANTO GARCIA, A. and MARSAL MOYANO, E. Hallazgo de moneda emiral de Iznejer (Grenada). *Al-Qantara* Vol. 9 (1988) pp. 427-470.

249 CANTO GARCIA, A. La reforma monetaria de Qesim. *Al-Qantara* Vol. 7 (1986) pp. 403-429.

250 CHALMET, A. and GENDRON, P. Un formulaire notarial Hispano-Arabe du IV/Xe s.: Glanes économiques. *RevInstEgipcio* Vol. 23 (1986) pp. 181-202.

251 CHALMET, A. and GENDRON, P. Monnaie de recouvrement des imports et taux de change dans al-Andalus. *QuadStuArabi* No. 5-6 (1988) pp. 153-166.

252 CHOKSEY, JAMSMEED K. A Sasanian Monarch, His Queen, Crown Prince, and Die Ties: The Coinage of Wahrām II. *AJN* No. 1 (1991) pp. 117-135 illus.

Busts and standing figures on the coins issued by the Sāsānian king of kings Wahrām (ruled AD 276-293) usually have been identified as representing the monarch, a succession of queens, a series of heirs to the throne, and the goddess Anāhitā. The coinage is utilized in conjunction with inscriptions, royal iconography, and textual sources to reconsider the popular identifications and question the historical conclusions that have been previously reached. The article demonstrates that the images on Wahrām II's coins represent the king of kings, the queen of queens, a single crown prince, the deities Varathrayna and Anāhitā, and a priest. It is also suggested that coinage served to transmit Sāsānian symbols to power rather than dynastic principles of succession.
(Author)

253 DOMENECH BELDA, C. El hallazgo de dirhemes califales de Almoradí (Alicante). *GacNum* No. 97-89 (1990) pp. 129-134.

254 DU QUESNE BIRD, N. and METCALF, D.M. The Tyre hoards and other finds from the time of the crusades. *HBN* Vols. 33/35 (1979/81, publ. 1989).

Eleven coins found in Tyre deposited after 1266, all from Sicily, as well as 11 French, 1 German (Aachen), 1 Italian (Padua) and one English short-cross penny acquired in Beirut as well as a parcel of 21 Cypriote coins bought in Beirut in 1967 are published and discussed.
(Peter Ilisch)

255 FONTENLA BALLESTA, S. El hallazgo numismático de la finca "Le Pite" (Alhame de Murcia). *GacNum* Vol. 84 (1987).

256 FONTENLA BALLESTA, S. La numismática almohade. *Jerique* Vol. 1 (1988) pp. 67-88.

257 FONTENLA BALLESTA, S. Les monedes hispano-musulmanes del Museo de Murcia. *BolSocEspOrientalistes* Vol. 23 (1987) pp. 387-392.

258 FONTENLA BALLESTA, S. Los dirhemes almohades del cerrillo de Cehegin (Murcia). *BolSocEspOrientalistes* Vol. 21 (1985) pp. 275-283.

259 FONTENLA BALLESTA, S. Los hallazgos numismáticos de los Baños Arabes de Santa Eulalia (Murcia). *BolSocEspOrientalistes* Vol. 24 (1988) pp. 455-458.

260 FONTENLA BALLESTA, S. Nesrid silver: A contribution to Spanish Islamic metrology. *Problems of Medieval Coins in the Iberian Area*. Vol. 3 (1988) pp. 231-242.

261 FONTENLA BALLESTA, S. Tesorilo de dirhemes de tradición almohade procedente de Melilla. *GacNum* No. 97-98 (1990) pp. 146-148.

The author describes a hoard of 789 coins. (Leandre Villaronga)

262 FONTENLA BALLESTA, S. Un tesorillo almohade de Arcila. *BolSocEspOrientalistes* Vol. 21 (1985) pp. 251-274.

263 GARCIA ANTON, J. Les monedes arabes de la provincia de Alicante. *Historia de la provincia de Alicante*. Vol. 3 (1985) pp. 49-53.

264 GOODWIN, TONY. An interesting Arab-Byzantine fulus of Damascus. *NCirc* Vol. 98 No. 4 (May 1990) p. 123 illus.

265 GROSSMAN, ROBERT C. A Numismatic "King-List" of the Timurids. *ONS Information Sheet* No. 27 (Sept. 1990).

While the names of over 330 Timurid princes are known, nearly all of whom claimed sovereignty and thus, theoretically at least, could have struck coinage, the coins of only a relatively small number of princes are known. The list contains the names of ca. 40 princes found on coins. The names are rendered in a fuller form than that on the coinage and are arranged according to four dispensations (Timur, Shah Rukh, Abu Sa'id and Husain), not geographically. (Stan Goron)

266 GURNET, FRANÇOIS. Monnaies sassanides inédites de Yazdgird III (632-651). *CENB* Vol. 25 (1988) pp. 76-85 illus.

The first part of this article was published in *CENB* Vol. 25 (1988) pp. 49-56. In the second part the author proposes a revised chronology of the reigns of Ohrmazd VI, Khusraw IV and Yazdgird III. (Johan van Heesch)

267 GYSELEN, RIKA. Note de métrologie sassanide, les drahms de Khusrō II. *RBN* Vol. 135 (1989) pp. 5-23.

The author discusses the weight of the drahms of the Sāsānian King Khusrō II; she uses the weights of the coins of the Susa hoard found in 1976. In an appendix the 1,116 coins of this hoard are published. (Johan van Heesch)

268 HATTORI, NAOTO. A Mansuri Dirham of the Khwarazm Shah, Muhammad, from Tirmidh. *ONSN* No. 121 (Nov.-Dec. 1989) pp. 4-5 illus.

A dirham of year 616 is described and discussed. (Stan Goron)

269 HEBERT, RAYMOND J. Two Rare Silver Fractional Dirhems. *ONSN* No. 113 (July-Aug. 1988) p. 3 illus.

The author notes two mintless, dateless fractional dirhems found in Tehran in the early 1960s, previously published by G. Miles in *Rare Islamic Coins*. One coin bears the name of the enigmatic governor Yahya b. al-Rabi. (Stan Goron)

270 HIRSCHFELD, Y. Tiberias. *Hadashot Arch* No. 95 (1990) pp. 19-20. In Hebrew.

Twelve Umayyad coins helped to date an 'Abbāsīd mosaic floor beneath which they were found. (Arnold Spaer)

271 HOVÉN, BENGT E. From Irān to Vansö. A hoard with two early and rare Islamic coins. *Llt. Festschrift till Lars O. Lagerqvist*. (NM 37, Stockholm 1989) pp. 155-158 illus.

Two rare coins (Kirmān 97 AH and a rebel coin from Jayy 127 AH) are published. (Author)

272 IBRAHIM, T. 'Abd Alleh B. Yesses encergaod de la ceca de Cordoba en el año 327 a 329 H? *Al-Qantara* Vol. 9 (1988) pp. 471-475.

273 IBRAHIM, TAWFIQ. 1. An Umayyad Dirhem not in Walker. 2. A Dinar of Khumarawayh b. Admed b. Tulun (270-282 H). 3. Four dirhems of the Marinid 'Abd al-Haqq II (833-869 H). *ONSN* No. 120 (Sept.-Oct. 1989) pp. 4-5 illus.

The author describes (1) a dirhem of year H 80 from Istakhr, (2) a dinar of year H 281 from Hims, and (3) four new types of Marinid dirhem, without date. One is from the mint of Taza. (Stan Goron)

274 IBRAHIM, TAWFIQ. Anonymous Sa'adian Dirhem Struck in Tilimsan in 957 H. *ONSN* No. 118 (May-June 1989) p. 5 illus.

Tilimsan capitulated to the Sa'adians in the fourth month of year 957 after a 9-month siege. According to the author, the present coin is palpable evidence of that event. (Stan Goron)

275 IBRAHIM, TAWFIQ. Dinar of Madinat al-Mahdiyyah 450 H Struck by the Zirid Ruler al-Muizz b. Badis (406/454 H) in the Name of the Fatimid al-Mustansir (427/487 H). *ONSN* No. 116 (Jan.-Feb. 1989) p. 4. illus.

276 IBRAHIM, TAWFIQ. Notes on Two Fractional Dinars of the Hafsids Abu Faris 'Abd al-Aziz II (AH 798-837). *ONSN* No. 117 (March- April 1989) p. 4 illus.

The author publishes 1/2 dinars of the mints of Qabis and Mahdiyyah. (Stan Goron)

277 IBRAHIM, T. Notes sobre dos monedas inédites. *Jarique* Vol. 1 (1988) pp. 169-170.

278 IBRAHIM, TAWFIQ. Two Bunduqis of Unpublished Dates Struck during the Reign of Ismail ibn al-Sharif (H 1082-1139). *ONSN* No. 117 (March-April 1989) pp. 4-5 illus.

The author publishes two coins of Fas dated year 1121 and 1125, respectively. (Stan Goron)

279 KASSIS, H.E. Coinage of the enigmatic caliph. *Al-Qantara* Vol. 9 (1988) pp. 489-505.

280 KÜRKMAN, GARÖ. DİRHEMLER, Kabukları Çıkarılmış 60 adet arpanin Ağırlığı [The Dirhems, the Equivalent Weight of 60 Well-Peeled Barley Seds]. *Antik & Dekor* No. 5 (Istanbul, 1989) pp. 74-77 illus.

The dirhem as a unit for sensitive measurements is discussed and various types are described. The names of some of the master founders are mentioned. The illustrated examples are from the author's personal collection. (Author)

281 LACHMAN, SAMUEL. The Coins of the Zaidī Imāms of the Yemen in the 3rd Quarter of the 19th Century. *NI* Vol. 25 No. 7 (July 1990) pp. 149-160 illus.

A list of the Imāms is presented with an outline of the history. Numismatic records in historical writings are quoted. A number of debased coins of the period are shown. (Author)

282 LESTER, A. A Glass Weight from the Times of Abd al-Malik Yazid. *Atiqot Hebrew Series* Vol. 10 (Jerusalem, 1990) pp. 125-126 illus. English abstract.

The author describes a half dinar weight (2.12 g), issued in Egypt ca. 751-753 AD, found at Ramat Barnea in the Central Negev, southwest of Avdath. (*Arnold Spaer*)

283 LEUTHOLD, ENRICO, JR. *Inizio e Splendore della Dinastia Buwayhide*. 50 anni di storia del IV. sec. H./X. sec. d.C. illustrati da 100 dirham inediti o rari. (Milan, 1990) 26 pp. illus.

101 Buwayhid dirhams and 1 dinar, rare or unpublished, are presented. (*Author*)

284 LILLO CARPIO, P.A. Les planches monetales de Cieza y su posible relección con el Khatam islámico. *Anales Universidad de Murcia* (1984) pp. 65-69.

285 MALEK, HODGEMEHD. Some Rare Afzut Issues of the Abbasid Governors of Tabaristan. *ONSN* No. 121 (Nov.-Dec. 1989) pp. 3-4 illus.

The author describes various issues bearing the word Afzut and which were not fully illustrated in Walker's *Catalogue of the Arab-Sasanian Coins in the British Museum*. (*Stan Goron*)

286 MARTINEZ, A. El tesoro Califel de "Los Villares" (Caudete, Valenica). *ActaNum* No. 17-18 (1990) pp. 177-196.

The hoard consists of 25 coins and 78 fragments belonging to the Caliph of Cordoba. (*Leandre Villaronga*)

287 MARTINEZ SALVADOR, C. Moneda fetimi en hallazgos peninsulares. *GacNum* No. 97-98 (1990) pp. 135-142.

288 MIKESKA, JÜRGEN. New Denomination of Algerian Resistance Leader Abdul Qadir Discovered. *ONSN* No. 125 (July-Aug. 1990) pp. 4-5 illus.

The author describes a 1/2 Rial Budju of Taqdemt year 1256. (*Stan Goron*)

289 MITCHINER, M.B. Evidence for Viking-Islamic trade provided by Samanid silver coinage. *EW* Vol. 37 Nos. 1-4 (Dec. 1987) pp. 139-150.

The route along which Islamic coins travelled from Afghanistan to Scandinavia is discussed with particular reference to the large numbers of Samanid dirhems now found in Sweden. The role of the Khwarezmians and the Volga Bulgars as trading intermediaries at the eastern end of this trade route is considered in the light of documentary and numismatic evidence. The role of Viking traders from the west is similarly considered. (*Author*)

290 MITCHINER, M.B. Two Georgian dirhems struck by David, son of George, at Tiflis in AH 651. *ONSN* No. 89 (April 1984) p. 4.

The dirhems published here were struck soon after the Mongol occupation of Georgia and they bear the names both of the Mongol Great Khan Mangu and also

of his Baghratid subject King David. Dirhems bearing the names of both these rulers appear to be known only from descriptions in Russian publications. The two coins described in this article are discussed and illustrated. (Author)

291 NAVARRO OLTRA, C. Hallazgo de dirhemes en Játiva. *GacNum* No. 97-98 (1990) pp. 125-128.

The author discusses a hoard of 16 coins.

(Leandre Villaronga)

292 ODDY, W.A. The Early Islamic Coinage of Hims: A New Type. *ONSN* No. 124 (May-June 1990) p. 4 illus.

The author considers four varieties of the 'Greek only' obverse type, including a new type. The chronological order is suggested. (Stan Goron)

293 PALACIOS RAFOSO, A. and ANDA LINARES, C. Un tesoro de dirhemes almohades en Algodonales. *EstHistArqMed* (1982) pp. 101-109.

294 PELLICER I BRU, J. Al-Andalus. Estudio de cuños diferenciados de la ceca de Medinet el-Zahra y estimación de las acuñaciones de moneda (años 340-351-951/2; 962/3). *Numisma* No. 192-203 (1985-1986) pp. 425-432.

295 RODRIGUES MARINHO, J. Moeda de Ibn Qesi Betides em Silves. *OArqPortugues* Vol. 3 (1985) pp. 177-196.

296 RODRIGUEZ LORENTE, J.J. *Numismática de la Murcia Musulmana*. (Madrid, 1984) 126 pp.

297 SAENZ DIEZ, J.I. A new name on coins of Fes: Me'n ben Abd al Aziz. *ONSN* (1987).

298 SAENZ DIEZ, J.I. The Khazrumids: Mes'ud Ben Wenudin. *Proceedings of the 10th International Numismatics Congress. London, September 1986*. (London, IAPN, 1989) pp. 423-428.

299 SEARS, STUART D. A Hybrid Imitation of Early Muslim Coinage Struck in Sijistan by Abū Bardhā'a. *AJN* Vol. 1 (1989) pp. 137-169 illus.

In this article an attribution is posited for one of the most bizarre of early Muslim coins. First published by M.I. Mochiri in 1981, the Sijistan drachm bears a Sāsānian-style obverse matched with a reformed style reverse. The declaration of Islamic faith on the reverse, moreover, is in Pahlavi. Through examination of epigraphic, iconographic and technical details of this coin in the context of other early Muslim coinage as well as the historical record, the use of a pseudo-name and pseudo-date is also ascertained. Close analysis, however, points to the governor Abu Bardhā'a,

who ruled Sijistan briefly between H 79 and 81, as the true author. The study sheds light not only on the circumstances that led to the striking of this strange hybrid but offers some insight into the peculiarities of early Sijistan coinage, including its large number of Sāsānian style imitations. (Author)

300 SHAMS-ESHRAUGH, A. Two Unique Umayyad Dirhems. *ONSN* No. 113 (July-Aug. 1988) p. 4 illus.

The author publishes a dirhem of Ralsa year 91 and one of Manadhir year 79. (Stan Goron)

301 TREADWELL, W.L. A Fractional Gold Coin of Khalaf ibn Ahmed of Sistan. *ONSN* No. 114 (Sept.-Oct. 1988) pp. 3-4 illus.

The author publishes a gold coin of year 382, weighing 1.14 g, and attributed to the mint of Sijistan. (Stan Goron)

302 VILAR, J.B. El arabista Pescual de Gayanos en los origenes de la ciencia numismática española: su viaje a Paris y Londres en 1835. *Sharq el-Andalus e Estudios Arabes* Vol. 1 (1984) pp. 161-167.

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

General, Nos. 2, 3, 30, 35, 36, 37, 40, 41.
Technology and Methodology, Nos. 58, 59.
Eastern Europe and the Balkans, No. 623.
Medals and Decorations, Nos. 706, 769.
Paper Money, No. 775.
Tokens and Jetons, No. 801.

INDIA

303 ABELS, B.U. An Early Chalukya Coin. *JNSI* Vol. 50 (1988) pp. 37-38 illus.

The author reads the legend **Sri Krita** and **Raja** on a potin coin of the Bull/Vase with lamp-stands type and attributes the coin to the Western Chalukya King Kirtivarman I. (Amiteshwar Jha)

304 AGRAWAL, ASHVINI. A Note on the Identity of Kacha of the Gupta Gold Coins. *JNSI* Vol. 50 (1988) pp. 79-81.

Making a brief review of the various views on the identity of Kacha of the Gupta gold coins, the author suggests that he was none other than Samudragupta. (Amiteshwar Gupta)

305 AHMAD, NISAR. The Ayodhya Coins of the Akbarpur Hoard in the Bharat Kala Bhavan. *JNSI* Vol. 50 (1988) pp. 15-24 illus.

120 coins of the Ayodhya rulers that were acquired by the Bharat Kala Bhavan from a hoard, consisting of 212 Ayoshya coins and 5 Panchala coins, which was discovered at Akbarpur in the Faizbad district (U.P.), are described. 48 coins are attributable to two kings—Satyamitra and Aryamitra; the rest cannot be specifically attributed.
(Amiteshwar Jha)

306 AHMAD, NISAR. The Coins of the Regal Titled Jana-adas. *JNSI* Vol. 50 (1988) pp. 64-70.

The author reviews and classifies the *janapada* coins bearing titles like *rājāñya*, *mahārāja* and *Khatapasa*.
(Amiteshwar Jha)

307 AHMAD, N. and SINGH, P.N. A Silver Coin of Jahangir of Akbar-nagar Mint found from Jahangir and an Account of its Manufactured Coin-types. *JNSI* Vol. 50 (1988) pp. 45-53.

A silver coin of Jahangir from the Akbarnagar mint, which formed part of a hoard discovered at Parsoopur, Mariyahu tehsil in Jaunpur district (U.P.), is described. Different varieties noticed in Jahangir's coins from this mint are enumerated.
(Amiteshwar Jha)

308 AHMAD, N. The Coins of Prakasaditya: A Study. *JNSI* Vol. 50 (1988) pp. 89-96.

The author challenges the readings and attributions of some coins to Prakasaditya. A classification of his coins is presented.
(Amiteshwar Jha)

309 AMAN, RAHMAN JR. Humayun, Vassalage Coinage. *ONSN* No. 114 (Sept.-Oct. 1988) pp. 7-8 illus.

The author rectifies the reading of the legend on a dirhem of Humayun also bearing the name of the Safavid Shah Tahmasp I.
(Stan Goron)

310 BAKHAI, PANKAJ. The Din-Panah Mohur of Jahangir. *ICSN* No. 4 (Oct. 1990).

A gold coin of Jahangir bearing the epithet **Din Panah**, issued from the Burhanpur mint is published.
(Amiteshwar Jha)

311 BERTSCH, WOLFGANG. Two Nepalese Portrait Patterns of King Prithvi Vir Vikram Shah. *ONSN* No. 122 (Jan.-Feb. 1990) p. 6 illus.

The author publishes two copper patterns on clipped planchets, one of which bears the date Saka 1810.
(Stan Goron)

312 BHATIA, P. Note on the Physical Distribution of the Indo-Sasanians, Sri Vigra(ha), Sri Vi and Sri Adivaraha Coins in the Ganga Valley, c. AD

700-1000. *JNSI* Vol. 50 (1988) pp. 99-108.

Findspots of the Indo-Sasanian, Sri Vigraha, Sri Vi and Sri Adivaraha coins in the Ganga Valley are plotted on maps. These coins are suggested to have formed the bulk of currency in the Ganga Valley in the post-Harsha/late Gupta period. The use of coined money in the Gangetic Doab during ca. AD 700-1000 was not shrinking but rather on the increase.
(*Amiteshwar Jha*)

313 BHATT, SHEETAL. Quila Raisen-A Suri Mint. *ICSN* No. 3 (Aug. 1990).

Two silver coins of Sher Shah and Islam Shah, respectively, bearing the mint name Quila Raisen are published.
(*Amiteshwar Jha*)

314 BOSE, S.K. A Rare Mughal Silver Coin of Emperor Jahangir. *JNSI* Vol. 50 (1988) pp. 43-44 illus.

A silver coin of Jahangir, obtained near Gauhati (Assam), is described.
(*Amiteshwar Jha*)

315 BROWNE, GERALD M. A New sub-Variety of the Chattré Type of Chandragupta II. *JNSI* Vol. 50 (1988) pp. 28-29 illus.

316 CHATTERJEE, B. Gold Coinage in Early Medieval Bengal. *JNSI* Vol. 50 (1988) pp. 109-113.

Literary evidence is cited to support the contention that there was no paucity of coins in early medieval Bengal; but probably the right to mint gold coins was enjoyed by the mercantile community.
(*Amiteshwar Jha*)

317 CHOWHAN, A.I. Fresh Light on Islambundar urf Rajapur Issue. *Nidhi* Vol. 1 (Jan. 1990) p. 35 illus.

A silver coin of Aurangzeb from the Islambundar mint is published.
(*Amiteshwar Jha*)

318 CHUMBLE, BALASAHEB. Chariot on an Ancient Indian Coin. *ICSN* No. 4 (Oct. 1990).

The author publishes a silver-plated copper coin bearing a chariot drawn by two horses to left facing a tree-in-railing, a standing human figure standing above a wheel, a six-armed symbol and a bull walking to left on one side and a lotus within a square frame, on the other side.
(*Amiteshwar Jha*)

319 DESHAZO, A.S. Hijri/Regnal Year Combinations on Mughal Coins. *ONS Occasional Paper* No. 24 (Feb. 1990).

The author describes the dating systems used on Mughal coins from the reign of Jahangir and lists the combinations, with a special section dealing with the mint of Ahmedabad.
(*Stan Goron*)

- 320 DEYELL, JOHN S.** Two Extraordinary Coins of AH 965-Part I. *ICSN* No. 4 (Oct. 1990).

The author publishes a silver coin of Akbar from Bengal, struck to the pre-Suri *tanka* standard of 10.8 g. and giving the patronymic in the legend.

(*Amiteshwar Jha*)

- 321 GODBOLE, S.D.** Two Terracotta Locketts Based on Coins of the Roman Emperor Tiberius. *ONSN* No. 120 (Sept.-Oct. 1989) p. 6 illus.

Two lockets found at Paithan, Maharashtra, are described. According to the author, they are engraved by Satavahana artists influenced by Roman coin designs.

(*Stan Goron*)

- 322 GORON, S.L.** A Gold Tanka of Shams-ud-din 'Adil Shah of Madura. *ONSN* No. 118 (May-June 1989) p. 6 illus.

The author describes a heavy gold coin of year H 748 in the British Museum collection. Although the coin had originally been published with an inaccurate attribution by J. Allan, the correct attribution published by Singhal in 1952 was little known.

(*Author*)

- 323 GORON, S.L.** A Half Mohur of Kotah State. *ONSN* No. 113 (July-Aug. 1988) p. 7 illus.

A half mohur of the Shah-i-Zaman Inghistan type of year 42 is published. (*Stan Goron*)

- 324 GORON, S.L.** Malwa—Some observations on the coinage of Mohammed II. *ONSN* No. 116 (Jan-Feb. 1989) pp. 4-5 illus.

The author comments on the coinage of this rebel Sultan and publishes a silver 1/4 *tanka*.

(*Author*)

- 325 GORON, S.L.** Mughal Miscellany. *ONSN* No. 116 (Jan-Feb. 1989) pp. 5-6 illus.

The author publishes (1) a rupee of Akbar dated year 982 from the mint of Satgaon and which marks Akbar's initial conquest of Bengal; (2) a presentation rupee of Akbar from the mint of Ayra, Ilahi year 47, month of Farwardin; (3) an 1/2 dam of Akbar of Ajmir dated year 979 and (4) a 1/2 rupee of Rafi-ud-Darjat of Shahjehanabad.

(*Author*)

- 326 GORON, S.L.** Mughal Miscellany. *ONSN* No. 117 (March-April 1989) pp. 6-7 illus.

The author publishes (1) a 1/2 rupee of Akbar from the mint of Akbarpur Tanda (year 970 or 974); (2) a rupee of Akbar from the mint of Berar, bearing the additional word RAM; (3) a rupee of Aurangzeb attributed doubtfully to Makhtal; and (4) an unidentified rupee of Shah Mam II, dated H 1198, year 26, with an unusual anchor mint-mark.

(*Author*)

327 GORON, S.L. Mughal Miscellany. *ONSN* No. 122 (Jan-Feb. 1990) pp. 4-5 illus.

(1) An Akbar rupee of Baldat Patna year 984 is published. (2) A listing is provided of Aurangzeb rupees bearing the Mohur couplet and Mohurs bearing the rupee couplet. (3) A list of some fractional silver coins of Aurangzeb in the British Museum is given. (4) A further discussion of the Mughal mint of Islamabad based in particular on two rupees of Farrukhsiyar both bearing that mint name, but stylistically very different, is published. (Author)

328 GUPTA, M.K. A Twentieth Rupee of Akbar. *JNSI* Vol. 50 (1988) p. 42 illus.

A silver coin of Akbar weighing 0.525 g, issued from Burhanpur, is described. The author suggests that the coin is equal to 1/20 rupee. (Amiteshwar Jha)

329 GUPTA, P.L. and GANG, SANJOY. Coins of Moghal Puppet King Akbar Shah. *ONSN* No. 113 (July-Aug. 1988) pp. 4-6.

In *ONSN* No. 106, May-June 1987, K. Wiggins and S. Goron published two coins which they attributed to Muhammad Akbar II during his rule as puppet king. The present authors cast doubts on the original attribution. (Stan Goron)

330 HANDA, D. A New Silver Coin from Narahara. *JNSI* Vol. 50 (1988) p. 39 illus.

A silver coin, dated AH 1203, from Narahara mint giving the name of a Shah Muhammad Anisa is published. (Amiteshwar Jha)

331 HANDA, DEVENDRA. The Antiquity of Ram Tankas. *Nidhi* Vol. 1 (Jan. 1990) pp. 31-34.

Citing a verse from Thakkur Pheru's *Dravya Pariksha*, the author suggests that gold Ram tankas were used as early as the 13th century. (Amiteshwar Jha)

332 HERRLI, H. Recent Indian Fabrications of Rajasthani Coins. *ONSN* No. 124 (May-June 1990) pp. 5-7.

The author publishes some modern forgeries in silver and copper of coins of Bikaner, Bhilwara, Dholpur, Jaipur, Karauli, Jodhpur and Jhalawar. (Stan Goron)

333 JASH, PRANABANANDA. Religion as Reflected in the Indo-Greek Coinage. *JNSI* Vol. 50 (1988) pp. 58-63.

334 KRISHNAMURTHY, K. Coins of Pallava King Mahendravarman I (580-630 AD). *JNSI* Vol. 50 (1988) pp. 33-34 illus.

The author reads the legend **Lakshita** on a silver coin and **Lakshitan** on a copper coin and attributes them to the Pallava ruler, Mahendravarman, who bore the title, *Lakshita*. (Amiteshwar Jha)

335 KRISHNAMURTHY, K. Some Unpublished and Rare Coins of the Pallavas. *JNSI* Vol. 50 (1988) pp. 35-36 illus.

Three copper coins bearing standing bull to right on one side and a ship on the other and two copper coins having standing bull to right on the obverse and a swastika and vase, respectively, on the reverse are described and attributed to the Pallavas.
(*Amiteshwar Jha*)

336 KRISHNAMURTHY, K. Some Unpublished Silver Punchmarked Coins of the Pandyas. *JNSI* Vol. 50 (1988) pp. 25-27 illus.

Four silver punchmarked coins with five symbols on the obverse and a stylized fish on the reverse are published and attributed to the Pandyas of the Sangam period.
(*Amiteshwar Jha*)

337 KULKARNI, PRASHANT P. Coins of Hitherto Unknown Ruler Vigna from Paitnan. *ONSN* No. 113 (July-Aug. 1988) pp. 6-7 illus.

Two copper coins resembling those of the Sebaka rulers but bearing the name of Viga are published.
(*Stan Goron*)

338 KULKARNI, P.P. Gigantic Mughal Coins. *JNSI* Vol. 50 (1988) pp. 124-129.

The gigantic Mughal coins, described in the contemporary literature, served the purpose of money and, as such, were coins. A list of such known coins is given.
(*Amiteshwar Jha*)

339 KULKARNI, PRASHANT P. Jital, the Thousandth Part of Akbar's Rupee. *ONSN* No. 115 (Nov.-Dec. 1988) pp. 5-6 illus.

The author publishes a small, anonymous copper coin of Ilahi year 43, bearing the word Jital.
(*Stan Goron*)

340 KULKARNI, PRASHANT P. New Coins of Chhimuka Satavahana. *ICSN* No. 1 (April 1990).

The author publishes a square copper coin, found at Pavanar in Vidarbha and bearing a standard in railing, nandipada and ujjaini symbol in a row and above them Brahmi legend (**Ra**)na Siri Chhimukasa on the obverse and tree in railing and below that a wavy line, on the reverse.
(*Amiteshwar Jha*)

341 KULKARNI, P.P. The Nagpur Mint and Its Bhonsla Silver Coinage. *Nidhi* Vol. 1 (Jan. 1990) pp. 37-50 illus.

An account of the silver coins issued by Bhonsla rulers from the Nagpur mint and the mint itself is given.
(*Amiteshwar Jha*)

342 KUNDU, S. Numismatic Tradition of Gaja-Laksmi. *JNSI* Vol. 50 (1988) pp. 90-91.

The numismatic representation of Gaja-Lakshmi, dated as early as the 1st century BC, continued in Bengal even in the post-Gupta period. (*Amiteshwar Jha*)

343 MANGALAM, S.J. A Rare South Indian Coin from Madura. *JNSI* Vol. 50 (1988) pp. 40-41 illus.

A copper coin obtained from Madura, bearing the Nagari legend **Vank(ata) Prabhu**, is described. It is suggested that the coin was probably issued by Virappa Nayaka in the name of his Vijayanagar overlord Venkata Prabhu for circulation in Madura region. (*Amiteshwar Jha*)

344 MITCHINER, M.B. The Persian spelling of King Thirithudhamma's name on trilingual Arakanese coins. *ONSN* No. 120 (Sept.-Oct. 1989) p. 6.

Two new trilingual coins of King Thirithudhamma are published. On these new coins the king's name is rendered in Persian as **Sri Tekudharma Raza** and **Sri Tekudharma Raja**. (*Author*)

345 MUKHERJEE, BIKASH. A Note on the King, Peacock and Garuda Type Coins of the Gupta Rulers. *JNSI* Vol. 50 (1988) pp. 82-83.

Two Gupta silver coins of the well-known type are described. (*Amiteshwar Jha*)

346 NATH, AMARENDRA. The First Ever Reported Lead Portrait Coins of the Satavahanas. *Nidhi* Vol. 1 (Jan. 1990) pp. 25-30 illus.

The author publishes 3 lead portrait coins found in excavations at Adam (Maharashtra). All these coins are of the well-known Satavahana silver portrait-type coins. Two are attributed to Vasishthiputra Pulumavi and one to Gautamiputra Yajna Satakarni. (*Amiteshwar Jha*)

347 NIGAM, L.S. and SINGH, R.K. Rare Silver and Copper Repousse Coins of Prasannamatra. *JNSI* Vol. 50 (1988) pp. 30-32 illus.

Two repousse coins of Prasannamatra, one each of silver and copper, are described. (*Amiteshwar Jha*)

348 NIYOGI, P. Currency System of India on the Eve of Muslim Conquest. *JNSI* Vol. 50 (1988) pp. 115-119.

The currency system of India on the eve of Muslim conquest is suggested to have been based mainly on two standards: (1) the drama of 67 grains and (2) the 'bull and horseman' type of 58 of grains. Along with the coinage, barter was also in use. (*Amiteshwar Jha*)

349 PATHAK, V.S. On the Legend Candanoy Bago. *JNSI* Vol. 50 (1988) pp. 75-78.

Kanishka I had adopted a sobriquet **Chandana** which was used on a coin as a substitute for his personal name. This is proved by a Kushana coin bearing the Bac-

trian legend **CANDANOY BAGO** on the obverse and the Brahmi legend **CHANDRA DEVA** on the reverse. Literary evidence for the use of this appellation by Kanishka are also cited. (Amiteshwar Jha)

350 PHUKAN, J.N. Some Observations on the Ahom-Language Coins of Assam. *JNSI* Vol. 50 (1988) pp. 139-143.

The view that the earliest Ahom coin was issued by Siupung-mong alias Chakradhvajasimha is reiterated. A list of coin-issuing Ahom kings and the respective denominations issued by them is also given. (Amiteshwar Jha)

351 RAJGOR, DILIP and TIWARI, SHANKAR. Coins of Vidisha: a city state. *ONSN* No. 125 (July-Aug. 1990) p. 6 illus.

The author describes two types of uniface inscribed coins of Vidisha. (Stan Gorn)

352 RAJGOR, DILIP. Copper Punch-Marked Coins from Gujarat: An Interesting Phase in the Punch-Marked Coinages. *Nidhi* Vol. 1 (Jan. 1990) pp. 5-8 illus.

Some copper punch-marked coins from Bhavanagar and Junagadh district (Gujarat) are published. The placing of symbols suggests that the sun symbol was the first to be struck following by the six-armed symbol; the other three symbols followed the latter. (Amiteshwar Jha)

353 RAJGOR, DILIP. Lead coins of the Satrap Chastana. *ONSN* No. 117 (March-April 1989) pp. 5-6 illus.

The author publishes several new varieties of lead coins of this ruler. (Stan Gorn)

354 RAJGOR, DILIP. Transitional Lead coins of Kumaragupta I. *ICSN* No. 2 (June 1990).

Two square lead coins bearing the humped bull to right on the obverse and Brahmi legend **Sri Kumara Gupta** in two lines on the reverse, from a hoard of about 5,000 lead coins found in the the Junagadh district (Gujarat) in 1988, are published. (Amiteshwar Jha)

355 RHODES, N.G. A Silver Timasha of Pradip Shah of Garhwal. *ONSN* No. 121 (Nov.-Dec. 1989) pp. 5-6 illus.

The author describes a silver coin issued before the Gorkha occupation of 1803, bearing the name of the Raja of Garhwal and not the name of the Mughal Emperor. (Stan Gorn)

356 RHODES, N.G. Minor Denominations of Nara Narayana of Cooch Bahar. *ONSN* No. 125 (July-Aug. 1990) p. 7 illus.

A half and quarter rupee are illustrated and described together with a full rupee of similar style. (Stan Gorn)

357 RHODES, N.G. Paramandi and Pratapa Deva of Kashmir. *ONSN* No. 125 (July-Aug. 1990) p. 7 illus.

Three copper coins bearing the name Paramandi are illustrated. This ruler is said to have been one of the sons of Jaya Sinha, but in most histories and numismatic literature he is called Paramanaka Deva. The present coins confirm the name Paramandi mentioned in Kalhana's *Rajatarangini*. By means of a die link between two coins, the author is able to place the rule of Pratapa Deva immediately before the accession of Raja Deva, i.e. ca. AD 1214.
(Stan Goron)

358 SAHOO, A.C. Origin of the Buddha Image: A Numismatic Approach. *JNSI* Vol. 50 (1988) pp. 71-74.

359 SENIOR, R.C. An Indo-Scythic Mint Mark. *ONSN* No. 123 (March-April 1990) pp. 4-6 illus.

The author considers some city-goddess issues that he attributes to an Arachosian mint(s) as opposed to the Gandharan mint of Taxila.
(Stan Goron)

360 SENIOR, R.C. City Goddess Types on Indo-Scythic Coins. *ONSN* No. 125 (July-Aug. 1990) pp. 5-6 illus.

The author tabulates the control marks on the city goddess coins of Azes I and Azilises and discusses their relationship.
(Stan Goron)

361 SENIOR, R.C. Indo-Scythian and Indo-Parthian Coin Hoards—Part 2. *ONSN* No. 115 (Nov-Dec. 1988) pp. 3-5 illus.

The author discusses a hoard of 99 tetradrachms and 388 drachms found near Chakadaru in Swat. The hoard shows the development of the post-Azes II coinage and its relationship beside the Indo-Parthian coinage of the Gondopharids.
(Stan Goron)

362 SENIOR, R.C. The Initial Pallas Coinages of Azes II. *ONSN* No. 119 (July-Aug. 1989) pp. 4-5 illus.

Basing his work on the coins from the Bunir hoard of 1987, the author tabulates the various control marks, categorizes the coin types and discusses their interrelationship.
(Stan Goron)

363 SENIOR, R.C. Zeus and Pallas on Coins of Azes I. *ONSN* No. 117 (March-April 1989) pp. 2-4 illus.

The author tabulates and discusses the various control marks found on these coins.
(Stan Goron)

364 SHAH, DILIP. Roman Influence on the Coins of Yajnasri Satakar-ni. *ONSN* No. 118 (May-June 1989) p. 7 illus.

The author publishes a silver coin of this ruler bearing a portrait which resembles Augustus Caesar.
(Stan Goron)

365 SHASTRI, A.M. and GUPTA, C.S. Mitra and Shadra Coins from Vidarbha. *Nidhi* Vol. 1 (Jan. 1990) pp. 9-24 illus.

Surveying the coins bearing Mitra and Bhadra-ending names from the Vidarbha region, published earlier, the authors publish some more such coins. These Mitra and Bhadra rulers are suggested to have ruled almost simultaneously over different part of the Deccan including Vidarbha. (Amiteshwar Jha)

366 SHASTRI, AJAY MITRA. Note on a Silver Portrait Coin of Yajna Satakarni. *ONSN* No. 124 (May-June 1990) p. 5.

The author rectifies the reading of the legend on a coin published in *ONSN* No. 118, May-June 1989. (Stan Goron)

367 SHASTRI, A.M. Unique Coin of Vakataka Prithivishena (II?). *ICSN* No. 4 (Oct. 1990).

The Brahmi legend (Sri-Ma)hārāja-Prithivi is read on one side of a copper coin, found at Paunar in the Wardha district (Maharashtra). The coin is attributed to Vakataka king Prithivishona (I or II). (Amiteshwar Jha)

368 SINGH, O.N. and SINGH, C.D. Regionalism in Early Medieval Coins of Northern India. *JNSI* Vol. 50 (1988) pp. 112-114.

Some of the early medieval coin types that followed the coin-typologies circulating in the respective regions are discussed. (Amiteshwar Jha)

369 SINGH, P.N. The So-Called Joint Issue of Muhammad Bin Sam and Prithviraja III: A Reappraisal. *JNSI* Vol. 50 (1988) pp. 120-123.

Various views expressed on the coins bearing the names of Muhammad bin Sam and Prithviraja are reviewed and they are suggested to be the issues of Muhammad bin Sam from his own mint immediately after the defeat of a Prithviraja in the battle of Terain. (Amiteshwar Jha)

370 SINHA, B.P. King and Queen (?) Coin-Type of Skandagupta. *JNSI* Vol. 50 (1988) pp. 84-88.

The author discusses the various views regarding the identity of the female figure on the so-called 'King and Queen' type gold coins of Skandagupta and suggests that she is the queen-mother of Skandagupta. (Amiteshwar Jha)

371 SURINDER SINGH. Ranjit Singh's Effigy on Sikh Coins. *ONSN* No. 123 (March-April 1990) pp. 6-7 illus.

Basing his views on historical documentary evidence, the author identifies the portraits on certain rare Sikh rupees as Ranjit Singh seeking blessings from Guru Nanak. The Ranjit Singh figure had previously been assumed to be Mardana, a disciple of the Guru. (Stan Goron)

372 TYE, ROBERT. Headhunting in Medieval Punjab? *ONSN* No. 114 (Sept.-Oct. 1988) p. 6 illus.

Basing his arguments on the study of a number of billon jitals, the author suggests that Indian coin engravers were introduced into what is now Afghanistan by the Ghurids.
(Stan Goron)

373 VERMA, T.P. On Minting Symbols on Punchmarked Coins: A New Suggestion. *JNSI* Vol. 50 (1988) pp. 144-146.

The first two symbols on the 5 symbol punch-marked coins were the imperial symbol and the symbol of the mint master, respectively, and were put on the coin by the mint master. The other three symbols, it is suggested, were punched by another official called *Rupadarsaka*, after realizing three types of taxes described in *Arthasastra*.
(Amiteshwar Jha)

374 WARDEN, W. A Quarter Mohur of the Dogra Rajas of Kashmir. *ONSN* No. 125 (July-Aug. 1990) p. 6 illus.

A quarter mohur of Ranbir Singh is described.
(Stan Goron)

375 WIGGINS, K.W. A Pattern Five Kori Piece of Nawanagar. *ONSN* No. 118 (May-June 1989) p. 6 illus.

The author publishes a silver five Kori pattern dated Samvat 1930, bearing the name of Queen Victoria as well as that of the Jam Sahib of Nawanagar.
(Stan Goron)

376 WIGGINS, K.W. and GORON, S.L. Three Pattern Coins from Banoda. *ONSN* No. 114 (Sept.-Oct. 1988) p. 8 illus.

The authors publishes a copper pattern puisa of Samvat 1938, a silver coin of 2 anna weight of Samvat 1442 and a copper pattern rupee of Samvat 1943. All patterns were machine-struck.
(Stan Goron)

For additional references to the numismatics of India, see the following abstracts:

Technology and Methodology, Nos. 49, 54, 55.

Far East, No. 401.

Medals and Decorations, No. 751.

Paper Money, No. 757.

FAR EAST

377 BERTINELLI, ROBERTO. Il ruolo della moneta sotto la dinastia Jin. *Rivista degli studi orientali* Vol. 62 (1988) (Rome, Bardi editore 1989) pp. 69-107.

On the basis of numismatic finds and historical sources, the author delineates the economic history and monetary vicissitudes in China under the Jin dynasty (1115-1225).
(Andrea Carignani)

378 BIAN JI ZU. *Zhong Guo Dong Bei Di Zhu Huo Bi* [Currencies of the Northeast Region of China]. (No location, China Monetary Publishing Co., 1989) 232 pp. illus. In Chinese. ISBN 7-5049-0474-0.

Coins and notes of the northeast provinces are illustrated in color, along with coins and notes of adjacent areas (Russia, Korea, Japan). The text is limited. (Joseph E. Boling)

379 CASERIA, JEFF. Coinage in the Early Chinese Empire. *IFEN* No. 6 (June 1990) pp. 3-11 illus.

An overview of the coinages of the Qin and Han dynasties is presented, with emphasis on the historical events that forced changes in the monetary forms.

(Joseph E. Boling)

380 DING CHANGWU and CHENG JIZHONG. A Batch of Cut Head Knife Coins and Boshan Knife Coins Excavated at Qing Zhou, Shandong Province. *China Numismatics* Vol. 3; No. 30 (1990) pp. 67-69 illus. In Chinese.

Cut head knife coins and Boshan knife coins were rarely seen previously. A hoard of this kind of knife was discovered in Shandong Province—a very important discovery concerning the currency of the Qi State.

381 FEI SHIHUA. The Liang Jin Bronze Money Tally Excavated at YangXin, Hubei Province. *China Numismatics* Vol. 3; No. 30 (1990) p. 35 illus. In Chinese.

The author discusses some of the money tally discovered in Hubei Province. This kind of money tally has only previously been seen in old money books, and never reported before in an excavation. The money was possibly from the Chu State of the Warring States Period. See Zhang Shoulai's article, *NL* 125-425.

382 FISHER, GEORGE A. JR. *Fisher's Ding*. (Littleton, Colorado, The Author 1990). 252 pp. illus.

An annotated reprint of Ding Fubao's 1940 *Lidai Gu Qian Tu Shuo*, with catalog numbers and values added to the reprint pages, and many additional aids for Western collectors. The work includes a complex index to all coin inscriptions; Wade-Giles to Pinyin conversion table; illustrations of the fakes from Ding's 1938 edition (omitted from the 1940 edition); Chinese dynastic tables; a priced Schjorth-Ding concordance; a map of the locations of the Qin Dynasty mints; and tables of Manchu letters and mintmarks.

(Joseph E. Boling)

383 FLORINE, IVAN. *International Far-Eastern Numismatics News*. No. 6 (Brussels, The Author, June 1990) 94 pp. illus. In French and English.

Several contributions from readers (separately abstracted), a listing of the Japanese imperial line from 290 B.C. to the present, a biographical chronology of the Chinese emperors from the Northern Wei through the Sui dynasties (AD 386-618), and eleven maps illustrating the political changes that occurred during the dynasties presented in the first six issues of *IFEN* are presented.

(Joseph E. Boling)

384 FLORINE, IVAN. *International Far-Eastern Numismatics News* No. 7. (Brussels, The Author, Aug. 1990) 90 pp. illus. In French and English.

Several contributions from readers (separately abstracted), an unattributed translation of an article from a Chinese journal giving chemical and micrographic analyses of 44 Chinese coins, a chart of the simplified and standard versions of Chinese characters, biographies of the Japanese emperors from Jimmu through Buretsu (660 BC-AD 506), and a biographical chronology of the Chinese emperors of the T'ang/Chou dynasties and contemporary rebels (AD 618-907) are presented.

(Joseph E. Boling)

385 FLORINE, IVAN. Notes sur la Monnaie et les Metaux Precieux en Chine, Partie 01. *IFEN* No. 6 (June 1990) pp. 12-16.

Notes on the origin of the term "tael," the history of cash coin mintage, the casting of sycee silver, and the use of banknotes in China are presented. (Joseph E. Boling)

386 FLORINE, IVAN. Notes sur la Monnaie et les Metaux Precieux en Chine, Partie 02. *IFEN* No. 7 (Aug. 1990) pp. 10-14.

In this installment weights and measures, including the differences in standards between Shanghai and Tientsin, are presented. (Joseph E. Boling)

387 GAO GUIYUN. A Summary of the Currency Before Qin Dynasty Excavated in Beijing Since the Founding of the People's Republic of China. *China Numismatics* Vol. 3; No. 30 (1990) pp. 36-38 illus.

388 GILBOY, F.F. The ending of the Manibar countermarking operation—with an attempt to assess its utility. *NCirc* Vol. 98 No. 2 (March 1990) pp. 43-47.

389 GRIFFITH, BRUCE R. Trial Year Listing for Ch'ien Lung and Chia Ching Cash of Peking with a Sketch of Provincial Issues. *CCC* Vol. 4 No. 3, pp. 1-15; Vol. 5 No. 2, pp. 1-14 illus.

Extending the work of Werner Burger, the calligraphy progressions of the Ch'ien Lung cash through their sixty years of production at the Board of Revenue and Board of Works mints are shown. Starting at year 23 the BOR is further subdivided into its four branch mints, and at year 45 the BOW into three branches, though which individual series is attributable to each specific branch is not known. The first installment concludes with illustrations of Yunnan province branch mint varieties. The second installment takes up the Chia Ching issues and finds that there are too many variants to construct a clean progression, though a significant attempt is made. The article concludes with a discussion of metropolitan and provincial mint Shan Lung varieties of the Ch'ien Lung coinage. (Joseph E. Boling)

390 GRIFFITH, BRUCE R. Trial Year Listing for Ch'ien Lung and Chia Ching Cash of Peking with a Sketch of Provincial Issues: Yunnan Province. *CCC* Vol. 5 No. 3 pp. 1-8 illus.

Caligraphic varieties among the Yunnan mints are traced from the coins of Yung Cheng through Chia Ching. The number of mints and the few varieties mean that a year-by-year chronology cannot be established as easily as for the Peking mints.

(Joseph E. Boling)

391 HE LINYI. A Study of the Yu Wang Spade Coin. *China Numismatics* Vol. 3; No. 30 (1990) pp. 11-14 illus. In Chinese.

Based on the analysis of a piece of very rare spade coin kept in the Bank of Japan, the author thought that the legend on the coin should read as **Yu Wang**. The spade coin with three holes thus possibly belonged to the Zhao State.

392 HOLLING, G. An Introduction to Chinese-Siamese Pee Coins. *ONSN* No. 117 (March-April 1989) pp. 7-8.

The author provides some general information on Pee coins. (Stan Goron)

393 HOLLING, G. Chinese-Siamese Porcelain Pee-Coins: the Remarkable Pee-Tokens with Numbers of Pees, Made by the Firms. *ONSN* No. 120 (Sept.-Oct. 1989) p. 8; *ONSN* No. 121 (Nov.-Dec. 1989) pp. 6-8 illus.

The author describes various types of pee-coins which either indicate the total number made or bear an individual number. (Stan Goron)

394 LARSON, DAVID. *Handfuls of Cash: A Numismatics Exhibition*. (Vancouver, B.C., Vancouver Museums and Planetarium Association 1980) 103 pp. illus.

This extensively annotated catalogue concerns a 36-case exhibit of coins, notes and tokens from the collection of the Vancouver Centennial Museum, exhibited at the museum from 2 Oct. 1979 to 1 June 1980. Asian material comprised 23 cases; Western European and Canadian, 9 cases; technology and counterfeits, 4 cases.

(Joseph E. Boling)

395 LI XUEQIN. A Postscript on *Chu Jin Yuan Kao* [An Investigation on Gold Money of Chu State]. *China Numismatics* Vol. 2; No. 29 (1990) pp. 24-25. In Chinese.

Chu Jin Yuan Kao is an important study of the gold money of the Chu State during the Warring States Period at the end of the Qing Dynasty. The article discusses the author and contents of the book.

396 LIU SEN. Some Problems About the Spade Coin With Three Holes. *China Numismatics* Vol. 3; No. 30 (1990) pp. 3-10 illus. In Chinese.

The spade coin with three holes is a special kind of spade money of the northern part of the Warring States Period of China. Some scholars had once thought that, according to the name of the place in the legend cast on the surface of the coin, this kind of spade coin is the currency of the Zhong Shan Kingdom. According to the analysis of the political and military situation of the time, it was thought that this

kind of money was cast by the Zhao State after the end of the Zhong State Kingdom.

397 LONG DENGGAO. *On Gold Was Not Money in West Han.* *China Numismatics* Vol. 3; No. 30 (1990) pp. 26-31. In Chinese.

Based on the historical documents of the Han Dynasty, the author analyzes the social economy, including the role and position of gold in the contemporary society. The author concludes that at this time gold was only used as a means for hoarding and for big cash payments, but not as a circulating currency. Copper coins were circulated.

398 MA XINHUA. An Introduction on the Numismatic Works from Wei and Jin to Sui and Tang Dynasties. *China Numismatics* Vol. 2; No. 29 (1990) pp. 4-8. In Chinese.

The earliest numismatic books in the world were written in China. This article presents various works from the Wei and Jin dynasties (220-420) to the Sui and Tang dynasties (581-907). After these books had been lost, parts of them were preserved after the Sung dynasty.

399 MITCHINER, M.B. Early Javanese cash coins. *ONSN* No. 101 (June-Aug. 1986) pp. 5-7.

Seventeen lead cash coins and five copper specimens are catalogued and illustrated. All these coins bear literate Chinese inscriptions copied from Chinese cash of the Sung dynasty. The Chinese prototype coins were issued within the period AD 998 to 1031, but these types of Javanese copies appear to have been made at a substantially later date—mainly during the 14th and 15th centuries. (Author)

400 MITCHINER, M.B. Some modern silver forgeries of Burmese coins. *ONSN* No. 125 (July-Aug. 1990) p. 8.

Six false coins are discussed and illustrated. Their designs are copied from those on prototype coins struck by the Candara dynasts of Arakan (seated bull/trident) and also by the Central Burmese Pyu issuers of the 'Rising Sun' series of symbolic coins. The imitations have sketchy designs rendered in unduly shallow relief, faulty inscriptions and flat flans of uniform thickness, with sharp edges and partly cleaned suspect black patination. (Author)

401 MITCHINER, M.B. The Cosmological Scene depicted on some early Burmese 'symbolic' coins. *EW* Vol. 34 Nos. 1-3 (Sept. 1984) pp. 175-188.

These coins depict on one face the 'Damaru' of Siva and on the other face a 'Creation' device. The creation design consists of a temple containing a pillar, around which are sun plus moon above, ocean waves below, thunderbolt to left and conch shell to right. The symbolism of these designs is discussed with reference to classical Indian and Burmese literary sources. (Author)

402 MITCHINER, M.B. Three hoards of 'symbolic' coins from South-

East Asia. *CH* Vol. 7 (1985) pp. 322-327.

Three hoards are discussed: No. 479, Mon 'wheel' coins; No. 480, A Dvaravati coin hoard; No. 481, 'Symbolic' gold coins from the Malay Isthmus. X-ray fluorescence analyses of some coins in each hoard are included in the discussion. (Author)

403 MU YUAN. *Mu Yuan Si Shi Qian Ta* [Mu Yuan's Forty Coin Rubbings]. (Shanghai, The Author 1940, reprinted 1989 by the Shanghai Bookstore) 101 pp. illus. In Chinese. ISBN 7-805-69148-7.

Rubbings of 40 significant ancient Chinese coins are presented, assembled on the occasion of the author's 40th birthday in 1940. Mu Yuan was one of the three most important scholars of ancient Chinese coins of his day. (Joseph E. Boling)

404 NITIDIHARDJO, S. Netherlands Indies: an Unpublished Pattern 25 Cent 1940. *ONSN* No. 113 (July-Aug. 1988) p. 8 illus.

The author publishes a cupro-nickel pattern similar in size to the 5 cent coin of the Netherlands Antilles and presumed to have been struck in Batavia (Jakarta). (Stan Goron)

405 PENG, XIN WEI. *Zhong Guo Huo Bi Shi* [Chinese Currency History]. (Shanghai, People's Publishing Co. 1988) 996 p. illus. In Chinese. ISBN 7-208-00196-0.

This republished work, originally published in 1954, 1958 and 1968, is a comprehensive scholarly history of Chinese monies prior to the Republican period. (Joseph E. Boling)

406 QIAN ZHUO. The Master Coins of Qing Dynasty. *China Numismatics* Vol. 2; No. 29 (1990) pp. 16-23 illus. In Chinese.

The Master Coins were used to cast coins for circulation. This article describes the method (including use of the lathe and file during engraving) of the Master Coins of the Qing Dynasty.

407 RHODES, N.G. Two Rare Tibetan Coins. *ONSN* No. 124 (May-June 1990) pp. 7-8 illus.

The author publishes a 1 sho in brass and a 5 sho in silver, both of which are probably patterns. (Stan Goron)

408 SEKI MICHIO. The Wu Zhu Coin Found in the Tomb of Zhong Shan King. Trans. Zhou Bingqi. *China Numismatics* Vol. 3; No. 30 (1990) pp. 18-25 illus. In Chinese.

Based on the Wu Zhu coin found in the tomb of Liu Sheng of the Han Dynasty, the author analyzes this kind of early Wu Zhu coin.

409 SHANGHAI NUMISMATIC SOCIETY. *Yi Yin Qian* (Recollections

of a Rich Fountainhead [Numismatist]) [Reminiscences of Mr. Wang Yin-jia on the 40th Anniversary of his Death, 1949-1989]. (Shanghai, The Author 1989) 82 pp. illus. In Chinese.

Essays of 22 numismatists remembering the contributions of Wang Yin-jia to numismatics and to the serial numbering system used on notes of the People's Bank of China.
(Joseph E. Boling)

410 SHANGHAI NUMISMATIC SOCIETY. *Zhong Guo Li Dai Huo Bi Dai Xi, 1 - Xian Qin Huo Bi* [Chinese Currency Through the Ages, 1 - Qin Dynasty]. (Shanghai, People's Publishing Co. 1988) 1183 pp. illus. In Chinese. ISBN 7-208-00309-2.

This massive, oversize book is the first of a promised 12-volume series on Chinese numismatics. About 700 hollow-handle spades, 1,500 knives, and scores of many hundreds of other Qin Dynasty coin types are illustrated, mostly with rubbings. The present location and, in many cases, the excavation date and location are given for each coin. In addition to 4,343 coin and coin mold illustrations, there are 68 pages of illustrations of inscription calligraphy. Both the coins and the inscriptions are indexed.
(Joseph E. Boling)

411 SHANXI MONEY RESEARCH ASSOCIATION. *Zhong Guo Shanxi Li Dai Huo Bi* [Historical Currency in Shanxi, China]. (Daiyuan, Shanxi, Shanxi Peoples Publishing Co. 1989) 192 pp. illus. In Chinese; English foreword. ISBN 7-203-01512-2.

Coins and notes of Shanxi province are presented, from hollow-handle spades through to post-war banknotes, with brief descriptions and short essays at the beginnings of the sections.
(Joseph E. Boling)

412 SHI JIA JIAN. *Zhong Guo Jin Dai Ju Bi Hui Kao* [Modern Coins of China]. (Shanghai, Shanghai Book Shop 1989) 182 pp. illus. In Chinese. ISBN 7-80569-097-9.

A catalogue of mostly silver coins of Republican China, supplemented with issues of Tibet, Hong Kong, Manchukuo and other Japanese puppet governments, Imperial Korea, Annam and Cambodia. Many seldom-seen minors and patterns are included.
(Joseph E. Boling)

413 SMITH, BRUCE. The Life of Numismatists in China (P.R.C.). *IFEN* No. 7 (Aug. 1990) pp. 5-9.

Notes on numismatic exhibits in Chinese museums; coin shops and numismatic bookshops in China; and Chinese numismatic societies and provincial numismatic journals are presented.
(Joseph E. Boling)

414 TAEGAE KONI. A Study on the Coins of Zhi Zheng Years. Trans. Zhou Bingqi. *China Numismatics* Vol. 2; No. 29 (1990) pp. 13-15.

The author proposes that the coins previously thought to have been struck before

the 14th Year of Zhi Zeng of the Yuan Dynasty were actually minted by the government of Yuan. Nevertheless, many of the coins after the 14th Year were cast in a variety of places during the Civil War.

415 TATEWAKI, KAZUO. *Zai-Nichi Gaikoku Ginko-shi: Bakamatsu Kaiko kara Joyaku Kaisei made* [History of Foreign Banks in Japan from the Opening of the Treaty Ports to the Treaty Revisions]. (Tokyo, Japan Economic Review 1987) 496 pp. illus. In Japanese; Indexed in English. ISBN 4-8188-0173-9.

A comprehensive history of the operations of foreign banks which opened branches or agencies in Japan from 1864-1900 is given. Almost 25 foreign banks operated in Japan at one time or another during this period. (Joseph E. Boling)

416 TURK, FRANK A. Notes on the Metallic Coin-Like Charms and Similar Numismatic Items of the Far East, with Examples of their Origins, History, Usages and Kinds with Special Reference to China. Part 1. *IFEN* No. 6 (June 1990) pp. 34-43.

The author undertakes a comprehensive investigation of the objects known to Chinese numismatists as *ya sheng ch'ien*, of which he has records of over 5,750 types and estimates that several hundred more are yet to be reported. This installment presents the amuletic and talismanic origins of the pieces in some detail.

(Joseph E. Boling)

417 TURK, FRANK A. Notes on the Metallic Coin-Like Charms and Similar Numismatic Items of the Far East, with Examples of their Origins, History, Usages and Kinds with Special Reference to China. Part 2. *IFEN* No. 7 (Aug. 1990) pp. 15-26.

Original sources and prices for *ya sheng* charms are discussed, followed by a metallographic analysis of 12 pieces of various ages and origins. (Joseph E. Boling)

418 WANG QING. An Investigation of the Two Kinds of the Moon Mark on Coin. *China Numismatics* Vol. 2; No. 29 (1990) pp. 9-12 illus. In Chinese.

The author suggests that the moon mark on ancient coins can be distinguished as either a mark to signify casting molds or a flaw created during the casting process.

419 WIGGINS, K. Some Coins of the East India Company Issued for Benkulen. *ONSN* No. 120 (Sept.-Oct. 1989) p. 7 illus.

The author describes two copper coins and attributes them to the Benkulen series. (Stan Goron)

420 WRIGHT, RICHARD. China—The Machine-minted T'ung chih cash coin of 1866. *ONSN* No. 113 (July-Aug. 1988) pp. 7-8 illus.

The author discusses the origins of a pattern Chekiang Province cash coin struck at the Paris mint in 1866. (Stan Goron)

421 WRIGHT, RICHARD N.J. Dating the Manchurian twenty cents.

WCN Vol. 17 No. 10 (14 May 1990) pp. 17-20 illus.

The minting history of the *Tai-Ch'ing-Ti-Kuo* silver twenty-cent pieces in the years ca. 1906-1915 is presented. Linking die evidence to historical events, the author concludes that coinage in Imperial designs was produced for several years into the Republican period and that the Central Mint at Tientsin used the Mukden Mint as an unofficial Central Mint branch.

(Joseph E. Boling)

422 WRIGHT, RICHARD. The Case for the Kiangnan Arsenal Copper Mint at Shanghai 1905. *ONSN* No. 115 (Nov-Dec. 1988) pp. 6-7 illus.

The author discusses the location and background of a mint that was probably a branch of the main Kiangnan mint at Nanking, but sited at the Kiangnan Arsenal at Shanghai.

(Stan Goron)

423 WRIGHT, RICHARD and SWEENEY, JAMES O. The Imperial Chinese Specimen Coins, Advertising Pieces, Medals and Medallions Struck at the Birmingham Mint. *ONSN* No. 119 (July-Aug. 1989) pp. 6-8 illus.

The authors record and describe a variety of items in the Birmingham collections of Chinese relevance.

(Stan Goron)

424 YIH, T.D. Some Peculiar Lead Cash from Indonesia. *ONSN* No. 124 (May-June 1990) p. 8 illus.

The author discusses five cash pieces with corrupt legends, which may be attributed to an Indonesian source.

(Stan Goron)

425 ZELL, TOM. House of Ancient Treasure Seen Through the Little Square Hole. *ONSN* No. 122 (Jan.-Feb. 1990) pp. 6-8 illus.

The author describes the derivation of the character *Bao* that occurs on countless Chinese cash coins.

(Stan Goron)

426 ZHANG SHOULAI. A Preliminary Probe on the Liang Jin Bronze Money Tally. *China Numismatics* Vol. 3; No. 30 (1990) pp. 32-34. In Chinese.

One of two papers which discusses a money tally discovered in Hubei Province. See Fei Shihua's article, *NL* 125-381.

For additional references to the numismatics of the Far East, see the following abstracts:

Technology and Methodology, No. 61.

Roman, No. 213.

India, No. 344.

Oceania, No. 677.

Medals and Decorations, Nos. 687, 748.

Paper Money, Nos. 759, 761, 762, 763, 783, 785, 788, 789.

Tokens and Jetons, No. 791.

AFRICA

427 TRIGUEIROS, A.M. Cobre emoldado para a Africa Portuguese 1867-1879. *Nummus* 2nd Series, Vol. 11 (1988) pp. 43-90.

For additional references to the numismatics of Africa, see the following abstracts:

General, No. 34.

Medals and Decorations, Nos. 721, 726.

Paper Money, No. 774.

GREAT BRITAIN AND IRELAND

428 ARCHIBALD, MARION M. A Viking copy of an Alfred London-Monogram penny from Doncaster. *YN* No. 1 (1988) pp. 9-11.

Most London-Monogram copies derive from the Cuerdale hoard, and there are few isolated finds to help locate their mint(s). Doncaster is the only provenance in Yorkshire or Lincolnshire. (Author)

429 ARCHIBALD, M.M. The coins and jettons. *Excavations in High Street and Blackfriargate*. P. Armstrong and B. Ayers, Eds. (East Riding Archaeologist, Vol. 8: Hull Old Town Report Series No. 5, 1987) pp. 226-227.

16 coins (1 Roman, 10 English, 5 continental) and 4 jetons are published. (Edward Besly)

430 BESLY, EDWARD. A Civil War hoard from Breckenbrough, North Yorkshire. *YN* No. 1 (1988) pp. 45-55 illus.

A hoard of 30 gold and 1,552 silver coins, found near Thirsk in 1985, is described. It was buried early in 1644 at the height of the English Civil War. Its contents are discussed in the light of contemporary monetary conditions. Two pieces of paper included in the hoard proved to be receipts for cheese requisitioned locally for the royalist garrison at York on 17 January 1643/4. (Author)

431 BESLY, EDWARD. A Tower Mint die of Charles I. *BNJ* No. 58 (1988) pp. 135-137 illus.

An iron obverse ('pile') die for striking gold double-crowns, with privy-mark Heart (1629-30) is published and compared with the few other surviving early Stuart minting tools. (Author)

- 432** BESLY, E.M. *Coins and medals of the English Civil War*. (London, Seaby 1990) 121 pp. illus.

This book provides a concise overview of English coinage and currency during the period 1640-1660. A survey of the organization of royalist minting is supplemented by discussion of the individual mints. The role of the Tower Mint is followed through Charles I's reign, the Civil War and Interregnum to the Restoration of Charles II.

(Paula Turner)

- 433** BLACKBURN, MARK. The Anglo-Saxon coins in Gotha Museum. *NCirc* Vol. 98 No. 3 (April 1990) pp. 83-84 illus.

The Gotha collection includes 59 Anglo-Saxon coins. Two sceattas and 19 coins from the Cuerdale hoard of 1840 are discussed.

(Edward Besly)

- 434** BLACKBURN, MARK. What factors govern the number of coins found on an archaeological site? *Coins and Archaeology*. H. Clarke and E. Schia, Eds. (Oxford, BAR International Series 553, 1989) pp. 15-24.

A paper considering the general approach to a numerical analysis of coin finds from excavations, drawing mainly on English examples, is published.

(Edward Besly)

- 435** BROWN, I.D. and COMBER, C.H. Portrait punches used on the hammered coinage of Queen Elizabeth I. *BNJ* No. 58 (1988) pp. 90-95 illus.

A complete catalogue of 49 bust punches is published. These were used interchangeably between metals and denominations. Punches engraved at the same time were probably copied from the same master portrait, of which 9 are identified.

(Authors)

- 436** CALLATAY, FRANCOIS DE. Quelques documents révélateurs sur la solde des troupes anglaises lors de la guerre de la Péninsule (1808-1814). *CENB* Vol. 27 No. 1 (Jan.-March 1989) pp. 9-16.

The memoirs of several British soldiers during the Peninsular War (1808-1814) are exploited to gather information over the pay modalities at this time.

(Author)

- 437** CHALLIS, C.E. *Currency and the Economy in Tudor and early Stuart England*. New Appreciations in History 4. (London, The Historical Association, 1989) 32 pp. illus.

The author publishes a concise survey covering mint output and the supply of bullion; the circulating medium; offsetting, barter and payments in kind; petty credit and tokens.

(Edward Besly)

- 438** CLOUGH, T.H.McK. and COOK, B.J. The 1987 Ryhall Treasure Trove. *BNJ* No. 58 (1988) pp. 96-101 illus.

The authors report a Civil War hoard consisting of 1 gold and 3,220 silver coins deposited ca. 1641-1643. The hoard was notable for the large number of shillings of the Triangle-in-Circle privy-mark, most of which were the products of a very small number of dies.

(B.J. Cook)

- 439** Coin Register. *BNJ* No. 58 (1988) pp. 138-164 illus.

Recent British finds of Celtic, Anglo-Saxon and medieval coins are listed and illustrated. *(Edward Besly)*

- 440** GRAHAM-CAMPBELL, JAMES. The coinless hoard. *Coins and Archaeology*. H. Clarke and E. Schia, Eds. (Oxford, BAR International Series 553, 1989) pp. 53-61.

The author examines Viking-Age hoards of ornaments, ingots and hacksilver ('coinless hoards') alongside mixed hoards and those containing coins only. A brief survey of coinless hoards from Great Britain and Ireland introduces the problems presented by this material. It is proposed that these hoards might be regarded as 'active' or 'passive' depending on the nature of their contents and thus their role in Viking Age society and economy. *(Edward Besly)*

- 441** GRIERSON, PHILIP. An early reference to Sterlings (Guibert of Nogent 1115). *BNJ* No. 58 (1988) pp. 129-130.

- 442** HARRIS, E.J. Silver coins in the Henry V period: part 1. *SCMB* No. 848 (March 1990) pp. 44-45 illus; Part 2, *SCMB* No. 851 (June 1990) pp. 134-136 illus.

- 443** HARRIS, E.J. The Repeated use of a faulty punch on some Henry V dies. *SCMB* No. 850 (May 1990) pp. 107-108 illus.

- 444** HOLMES, NICHOLAS and WALKER, DAVID A. A Henry VI/Edward IV Mule penny from the Leith hoard. *BNJ* Vol. 58 (1988) pp. 84-89 illus.

A Durham mint mule penny from the 1980 Leith hoard is compared with 9 other recorded examples, all probably from the same obverse die. Previous records of coins of this type are summarized, and a possible date range and historical context for the coins are discussed. It is suggested that the events of the autumn of 1462 might have provided appropriate circumstances for their issue. *(Authors)*

- 445** KELLETT, A. King John in Knaresborough: the first known Royal Maundy. *YorkshireArchJ* No. 62 (1990) pp. 69-89.

The author gives an account of King John's association with Knaresborough, Yorkshire, and the earliest recorded distribution of Maundy money by an English monarch in the town in 1210. *(Edward Besly)*

- 446** LINDBERGER, ELSA. Ny förvärv av anglosaxiska mynt till Kungl. Myntkabinettet i Stockholm [Recent Acquisitions of Anglo-Saxon Coins to the Royal Coin Cabinet, Stockholm]. *NNUM* No. 5 (1990) pp. 94-100 illus. In Swedish.

The author presents 13 Anglo-Saxon coins acquired by the Royal Coin Cabinet, some of them emanating from dispersed hoards. *(Harald Nilsson)*

447 MAYHEW, N.J. The Aberdeen, St. Nicholas Street, hoards of 1983 and 1984. *BNJ* Vol. 58 (1988) pp. 40-68 illus.

A detailed report on two large mid-14th century British hoards is published. (Author)

448 MAYHEW, NICHOLAS. The contemporary valuation of the fleur-de-lis groats of James I and II. *BNJ* No. 58 (1988) pp. 130-132.

The author draws attention to alterations in face values set on Scottish groats of the 15th century. (Author)

449 METCALF, D.M. A plate of Anglo-Saxon coins found at Reculver, Kent in the eighteenth century. *BNJ* No. 58 (1988) pp. 126-129 illus.

Eighteenth-century drawings of coins, in a manuscript now in the British Library, add 7 new sceattas to the list of those known to have been found at Reculver. (Author)

450 METCALF, D.M. A sceat of Series K minted by Archbishop Berhtwald of Canterbury (693-731). *BNJ* No. 58 (1988) pp. 124-126 illus.

A coin of *BMC* Type 33, found recently in London, has, as an extra element in its design, a hand raised in a gesture of trinitarian blessing. This can only be an ecclesiastical issue, and it suggests that the coins of Archbishop Icenberht were not the earliest issues of the Canterbury primate. (Author)

451 METCALF, D.M. Notes on the 'PAXS' type of William I. *YN* Vol. 1 (1988) pp. 13-26.

The author discusses the date and significance of the 'PAXS' type, taking account of archeological evidence from Cardiff castle, and interpreting the Beauworth hoard as part of the distribution of alms left for poor people in William's will. He argues against Dolley's suggestion that the York mint was using reverse and obverse dies in a two-to-one ratio. He lists and analyzes 165 moneyers' names found on the 'PAXS' type, noting that there is no sign, twenty years after the conquest, of an increase in the number of Norman (Continental Germanic) names at the expense of Anglo-Saxon (Old English) names. He gives a statistical summary of the Beauworth hoard and pursues the difficult question of the under-use of dies. Finally he shows that the modal weight of the coins was narrowly controlled at 21.2 grains (1.374 g) or 21.3 grains (1.380 g). (Author)

452 MIKOŁAJCZYK, ANDRZEJ. Anglo-Saxon coins in eleventh-century Poland. *BNJ* Vol. 58 (1988) pp. 11-24 illus.

The earliest Polish hoards with an Anglo-Saxon element were buried ca. 950-955 in Pomerania, from where the coins began to reach the inner regions of Poland. In the very early 11th century numerous hoards contained only the Aethelred II's pennies, recorded now mainly in Great Poland, although they seldomly exceeded 1 per cent of total value of the hoard. The highest proportion was still in Pomerania and the lowest in distant Silesia. The Pomeranian direction indicates the Scandinavian, specifically Danish route. Probably a small portion of the large payments of English tribute arriving in Denmark since 991 was redistributed to Poland. The Polish hoards

from 1017-1034, with a decrease in Pomerania, show a growth of the English element (Æthelred's and Cnut's pennies) which seems now to pass out of Pomerania to the central parts of Poland. Later finds have a little addition of later issues, absorbed mostly in Pomerania, which possibly continued to receive the later coins from Scandinavia, leaving only a small part of this supply for further redistribution—reflecting some change in the domestic economic relations. The Polish material reveals a lower proportion and the delay in increase of this proportion in comparison with the Scandinavian finds. The Hiberno-Norse and imitative pennies are also discussed. (Author)

453 1935 Jubilee Crown Pieces: extracts from House of Commons Hansard. *SCMB* No. 849 (April 1990) pp. 76-79.

454 NORTH, J.J. A re-examination of Classes 7 and 8 of the Short Cross Coinage. *BNJ* Vol 58 (1988) pp. 25-39 illus.

A refinement of the classification of class 7 of the Short Cross coinage, which distinguishes 11 varieties of this large class and assigns approximate dates to these based on the documentary evidence of the appointments and deaths of various moneyers. The issue of round halfpence and possibly farthings is discussed in view of the recently found halfpenny of class 7. The paper also enlarges on the existing classification of class 8 in light of the large number of specimens discovered since the original paper on that class was published in 1948. (Author)

455 PALMER, NICHOLAS and SEABY, WILFRED A. An early thirteenth century hoard from Cross on the Hill, near Stratford-on-Avon. *TransB'hamWarksArchSoc* No. 93 (1989) pp. 105-110.

A silver seal matrix, a gold ecclesiastical ring and 18 short-cross pennies, survivors of a hoard of ca. 1000 pieces, found in 1830 at Cross on the Hill, Warwicks., are published and discussed. Most of the coins are class 5b (1205-1208). An example of class 6bi (ca. 1214-1216) may also have belonged to the hoard. (Edward Besly)

456 PIRIE, ELIZABETH J.E. Early Northumbrian Orthography and a Problem of Convention. *YN* No. 1 (1988) pp. 1-8.

Early Northumbria developed independently of the southern kingdoms of Anglo-Saxon England, and its native coinage is quite distinct from those of the south. Current work on the idiosyncratic styca series, of ca. 790-855, has aroused considerable controversy, not least concerning the manner of rendering personal names. It is argued that the present conventional use of West Saxon name-forms is entirely alien in the context of a north subject; for simplicity in discussion of the complex material, observations of the Northumbrian forms themselves is required. (Author)

457 RIGOLD, S.E. Coins and jetons from excavations in 1960, 1972-75 and 1976-78. *St. Augustine's Abbey: Report on Excavations, 1960-78*. D. Sherlock and H. Woods, Eds. (Monograph series of the Kent Archaeological Society IV) (Maidstone 1988) pp. 236-245.

The author lists 1 ancient British, 12 Roman, 37 medieval and later coins and 27 jetons, etc., from excavations at St. Augustine's Abbey, Canterbury. (Edward Besly)

458 RUDLING, DAVID. Three pennies of Edward the Martyr. *SussexArchColl* No. 127 (1989) pp. 245-246 illus.

459 SEABY, PETER. Henry I coin types: design characteristics and chronology. *YN* No. 1 (1988) pp. 27-43.

A revised sequence is suggested for the coin types of the middle period of the reign of Henry I, with types VIII and XII shown as a combined issue forming one of 13 biennial coinages issued prior to the 1124/5 assize and mutilation of moneyers. The author questions a coinage reform of 1108, but points to a major improvement in the weights of coins ca. 1117, and he supports the proposition that Henry's final type remained in issue for the last 10 years of the reign. (Author)

460 SOMMERVILLE, GERALD. On Victorian die-numbers. *SCMB* No. 850 (May 1990) pp. 99-101.

461 STAVERT, MARION L. James II and his mints: an unknown document. *BNJ* No. 58 (1988) pp. 132-134.

The 'Nota Anent Bulyeon' was included with the tacks of the burgh mills, fishings etc. recorded in the 'Perth Guildrie Book 1452-1631' when subsequently bound. It is dated 7 September 1453. It lists the names and fees of mint officials and the price of silver. There is also a list of searchers appointed for all Scottish ports to prevent the export of any bullion. (Author)

462 STEVENSON, R.B.K. Holy wells and coins. *TransDunfriesGalloway NHAS* Vol. 63 (1988) p. 92.

A note on coins, etc. (mainly 17th century) from holy wells at Cargen, Troqueer (near Dunfries), and Inschadney, Perthshire, is published. (Edward Besly)

463 STEWART, IAN. English Numismatics - progress and prospects. (The Howard Linecar Lecture 1988). *BNJ* No. 58 (1988) pp. 110-122.

The lecturer reviews developments since the war and suggests various ways of taking the subject forward. In particular he argues that the theory of a right system of compulsory recoinages every six years under Aethelred and Cnut, which has been widely canvassed since the 1950s, is not justified by the evidence and has caused misunderstandings about the late Anglo-Saxon coinage comparable to that which was caused for the later middle ages by the now discredited theory of quarterly privy-marks. (Author)

464 WAERZEGGERS, RENE. De munten van Lundy [The Coins of Lundy]. *JEGMP* (1989) pp. 213-220 illus.

The coins issued on the isle of Lundy (Great Britain) off the coast of Devonshire are discussed. Coins were struck in 1327, 1645, 1929 and 1965. (Johan van Heesch)

465 WOODHEAD, P., CALDWELL, D., STEWART, I. and WOOD, C. The fourteenth-century Aberdour Treasure Trove (1978 and 1981). *BNJ* Vol. 58 (1988) pp. 69-83 illus.

A hoard of 277 coins of England, Scotland and Ireland, including 9 continental sterling found near the shore at Aberdour, Fife, is published. A closure date of 1375 is suggested, the latest coins being three of Robert II of Scotland. A high proportion of die-links among coins of David II suggests that part of the hoard may have been set aside some 12 years before the final closure. Despite corrosion, careful weighing before and after cleaning allows some speculation on likely weights of sections of the hoard at the date of deposit. There is also some evidence to support Burn's suggestion that between 1358 and 1366 Scottish coins were already being struck at a lower weight than their English counterparts. (Authors)

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

General, Nos. 1, 8, 31.

Near and Middle East, No. 254.

India, No. 375.

Western and Central Europe, No. 486.

Medals and Decorations, Nos. 754, 755.

Paper Money, Nos. 758, 766, 767, 774, 787.

Tokens and Jetons, Nos. 795, 797, 798, 799, 803, 804, 806, 809, 810, 811, 812, 814, 815, 816.

WESTERN AND CENTRAL EUROPE

466 *800 Jahre Deutscher Orden.* (Gütersloh, Bertelsmann Lexikon Verlag, 1990) 592 pp. illus. ISBN 3-570-06676-2.

The exhibition catalogue (Nuremberg, Germanisches Nationalmuseum) on the history of the Teutonic Order, including coins and medals, is published.

467 AERTS, ERIK. *Heuristische en statistische problemen bij de raming van de Franse monetaire circulatie tijdens de 16de en de 17de eeuw* [Heuristical and Statistical Problems with the Estimation of the French Monetary Circulation during the 16th and 17th centuries]. *JEGMP* (1988) pp. 11-28.

A critical discussion of the work of F.C. Spooner concerning the French monetary circulation in the 16th and 17th century is given. The author discusses the usefulness of the Fisher equation. (Johan van Heesch)

468 ALBARRACIN, J., ESPINAR MORENO, M. and LAZARO DURAN, M.I. *Metalisteria y numismática del Turro (Cacín) en los siglos VIII el XI. Andalucía Islámica. Textos y Estudios.* Vol. 4-5 (1985).

469 ALBRECHT, THORSTEN. *Die Neueinrichtung der Münze in Bückeburg 1750. Festschrift für Peter Berghaus zum 70. Geburtstag.* (Münster, Antje

Sander, Kettelerstr. 52, D-4400 Münster, 1989) pp. 23-46 illus.

In 1660 the former county of Schaumburg was split between Hessen-Kassel and a side-branch of the counts of Lippe. These agreed in 1660 to share the right of coinage in such a way that it should alternate between the two. In 1736 the Schaumburg-Lippe administration planned to open a mint and started negotiations. Details about these plans are related. This mint did not open until at least 1750, struck copper and small silver coins, then closed after a few months. During the period when this latter mint was open, the Augsburg mint produced silver thalers. *(Peter Ilisch)*

470 ANTICO GALLINA, MARIA VITTORIA. Un peso monetario cinquecentesco al Civico Museo Archeologico di Tortona. *Notizie dal chiostro del Monastero Maggiore* Vols. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano, 1989) pp. 61-63 illus.

The author publishes a coin weight in Tortona with the inscription **PUBLICAE COMMODITATI**. The identification with the coin weight piece with a Sicilian shield seems to be equal to the 10 tari struck in Messina ca. 1563. *(Andrea Carignani)*

471 ARNOLD, PAUL. Münzwesen und Medaillenkunst in Sachsen unter Kurfürst-König Friedrich-August I. (1694-1733). *GN* Vol. 25 No. 135 (1990) pp. 10-16 illus.

The monetary policy of and the medallic art of Friedrich August I, elector of Saxony and king of Poland, are surveyed. *(Peter Ilisch)*

472 ARNOLD, PAUL. Wann wurde in Sachsen nach Einführung der Münzordnung von 1444 die Schildgroschenprägung wieder aufgenommen? *GN* Vol. 25 No. 135 (1990) pp. 8-9.

In a reply to a published article of G. Röblitz, the author cites archival sources in order to prove that before 1456 there were already two reckoning systems: Oberwähr- and Beiwährgroschen. *(Peter Ilisch)*

473 AUER, EBERHARD. Unbekannte Variante eines Zwölf-mariengroschens der Stadt Hannover. *GN* Vol. 25 No. 138 (1990) pp. 196-197 illus.

A variety of the municipal 12 Mariengroschen 1671 with **FEIEM** instead of **FEINEM** struck in Hanover is published. *(Peter Ilisch)*

474 AUST, HORST. Die Glogauer Kippergroschen *GN* Vol. 24 No. 134 (1989) pp. 280-285 illus.

Kipper groschens struck during the kipper crisis in 1622 by the city of Glogau in Silesia are discussed. 12 different types are listed. *(Peter Ilisch)*

475 AZUAR RUIZ, R. Arqueologia andalusí del País Valenciano (1983-1987). *II Congreso Arq. Med. Española*. Vol. 1 (1987) pp. 155-177.

476 BAART, JAN M. The development from a subsistence to a monetary economy. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 111-125.

The author discusses the development of a monetary economy in Holland.
(Edward Besly)

477 BAERTEN, JEAN. Over de toepassing van het artikel uit de *Sachsenspiegel* inzake munt [On the Application of the Clause on Money in the "*Sachsenspiegel*"]. *JEGMP* (1989) pp. 11-34.

The clause on money in a law-book (the *Sachsenspiegel*) from the 13th century is discussed.
(Johan van Heesch)

478 BALAGUER, A.M. Catalunya, més d'un mileni? *ActaNum* No. 17-18 (1990) pp. 15-16.

479 BALAGUER, A.M. Grado de monetarización en le Cataluña altomedieval. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens and Gh. Moucharte, Eds. (Louvain-le-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 411-424.

480 BALAGUER, A.M. Legitimació de les monedes dels "Quartos" fosos. *GacNum* Vol. 96 (1990) pp. 37-39.

481 BALAGUER, A.M. Troballes monetàries, VII. *ActaNum* No. 17-18 (1990) pp. 317-323.

The author discusses Carolingian hoards.
(Leandre Villaronga)

482 BALAGUER, A.M. Les troballes de moneda carolingia a l'àmbit Peninsular. *ActaNum* No. 17-18 (1990) pp. 324-330.

483 BALBI DE CARO, SILVANA. *La banca a Roma*. (Rome, Quasar 1989) 101 pp. illus.

The author illustrates the economic operations within the city as well as outside and then describes the various developments.
(Sara Sorda)

484 BERG, KARIN. Coins in Churches: a means of payment? Part One. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 77-82.

Problems of integrating the evidence from Norwegian churches are discussed.
(Edward Besly)

485 BERGHAUS, PETER. *Der Münzschatz von Querenburg in der Bochumer Universität*. Kleine Hefte der Münzsammlung an der Ruhr-Universität Bochum, No. 12/13. (Bochum, Universitätsverlag Dr. Norbert Brockmeyer, 1990) 96 pp. illus. ISBN 3-883-39821-7.

In 1966 in Bochum a hoard of at least 122 silver coins was found, which is described and illustrated. In addition to one gold guilder of Gelders and two klinksharts of Flanders and Holland, the hoard contains local coinage from Dortmund, Limburg and Mark, weispfennigs from the Rhinelands, Dutch larger silver denominations, plaques of Tournai, witten from northern Germany, hohlpennigs from Lower Saxony, two Bohemian groschen and two Milanese grossi. The coins were buried after 1444. The contemporary monetary situation in Westphalia is discussed with the context of the hoard. Coin values from Dortmund and Soest from 1418 and 1430 are republished.
(Peter Ilisch)

486 BERGHAUS, PETER. Englisch-westfälische Beziehungen in der Münzgeschichte zur Zeit der Hanse. *Emil Dösseler, Südwestfalen und England, mittelalterliche und frühneuzeitliche Handelsbeziehungen. Materialien zur westfälischen Geschichte*. Vol. I. (Münster, Historische Kommission für Westfalen 1989) pp. 55-64.

The English-Westphalian relations in coinage mainly of the 13th century are surveyed.
(Peter Ilisch).

487 BISCHOFF, FRIEDRICH. Formtendenzen auf deutschen Münz- und Medaillenbildnissen zwischen 800 und 1800 unserer Zeitrechnung. *GN* Vol. 24 No. 134 (1989) pp. 286-292 illus.

488 BISSON, TH.N. Le monnaie fiscale: les structures régionales à l'aube de l'état médiéval (1150-1250). *Rythmes de la production monétaire de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens, and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 511-520.

489 BLACKBURN, MARK. Znajdziska pojedyncze jako miara aktywności monetarnej we wczesnym średniowieczu [Single Finds as a Measure of Monetary Activity in the Early Middle Ages]. *PracMat* No. 9 (1989, publ. 1990) pp. 67-85 illus. English summary.

The value of single finds as a measure of monetary activity in the early middle ages is discussed. The regions within one country and different European countries are compared in light of the coin finds.
(Andrzej Mikołajczyk)

490 BOKOTA, PIOTR. Numizmatyczne znaleziska w zbiorach Muzeum Ziemi Kujawskiej i Dobrzyńskiej [Numismatic Finds in the Collections of the Museum of Kujavian and Dobrzyń Lands in Włocławek]. *PracMat* No. 9 (1989, publ. 1990) pp. 189-194 illus. English summary.

Six coin hoards buried between 11th and 17th centuries are briefly presented.
(*Andrzej Mikołajczyk*)

491 CAVON, J. Plomos monetiformes de Hispania. *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN 1989) pp. 167-172.

492 CHAVES, M.J. and CHAVES, R. Aportaciones al Corpus de le moneda visigoda. *ActaNum* No. 17-18 (1990) pp. 173-176.

493 CHAVES TRISTAN, F. Aspectos de la circulación monetaria de las cuencas mineras andaluzas: Riotinto y Cástulo (Sierra Morena). *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN 1989) pp. 251-252.

A summary of the material is presented. See *Habis* Vol. 18 (Seville, 1987-1988).
(*Leandre Villaronga*)

494 CHRISTIE, NEIL and TRAVAINI, LUISA. Santa Cornelia. Rinvenimenti monetali. *BollNum* Vol. 11 (1988) pp. 199-200.

The authors publish 6 coins found in the excavations of the medieval site of Santa Cornelia in southern Etruria, ca. 15 km from Rome. Among the pieces are recorded an *as* of Titus of AD 80-81, a denarius of Otto I of the mint of Padua (967-973) and 2 denarii of Henry II, Count of Champagne (1180-1197), struck in the Provins.
(*Andrea Carignani*)

495 COLAERT, MAURICE. Un coin insolite de Patagon, au nom de Charles III, gravé par Jean de la Court. *RBN* Vol. 135 (1989) pp. 34-56 illus.

A die of a patagon of Charles III engraved by Jean de la Court and his activities as an engraver are discussed. No coins struck from this die of the mint of Brussels are known.
(*Johan van Heesch*)

496 COLLIN, B. L'atelier monétaire de Perpignan et le trafic des piastres à la fin du XVII siècle. *ActaNum* No. 17-18 (1990) pp. 263-268.

497 CORES, G. and CASARIEGO, A. Nota sobre la moneda de Recarado II. *Numisma* No. 192-193 (1985-1986) pp. 39-46.

498 CRIPPA, CARLO. *Le monete di Milano durante la dominazione spagnola dal 1535 al 1706.* (Milan, C. Crippa, 1990) 428 pp. illus.

The author publishes a catalogue of the successive issues of the mint, indicating the varieties of each type and refers to archival documents for information concerning the issues. Each chronological period is preceded by a biographical note on the issuing authority.
(*Sara Sorda*)

499 CRUSAFONT I SABATER, M. Simó de Monfort i la moneda de Carcassone. *ActaNum* No. 17-18 (1990) pp. 225-255.

500 CUNZ, REINER. Ein Fundkomplex neuzeitlicher Kleinmünzen aus Celle. *Berichte* Vol. 30 No. 169 (1990) pp. 849-851 illus.

Fourteen single finds ranging between 1576 and 1863 from Celle/Lower Saxony are discussed with respect to the regional history of currencies. (Peter Ilisch)

501 DAVENPORT, JOHN S. *Écus, Talers, Scudos, Daalders, Patagons, Piastres, Ducatons of the French Provinces 1541-1673*. (Coconut Grove, FL, The Author, 1989) 40 pp. illus.

The author publishes a catalogue of all the dollar size coins issued by the French provincial dukes, counts, lords; Artois, Burgundy, the city of Besançon; and the Papal issues from Avignon. A preface, map and bibliography are included. (Author)

502 DAVENPORT, JOHN S. *The Talers of the Dukes of Schleswig-Holstein*. (Coral Gables, FL, The Author, 1990) 92 pp. illus.

A catalogue of all the thalers and multiple thalers of the 6 lines of Schleswig-Holstein dukes, Schauenburg-Pinneburg, Ranzau, the issues of the Gottorp dukes as archbishops of Bremen and Cologne and bishops of Lübeck and Minden, plus pieces commemorating mothers and wives. A map, three genealogical charts and a bibliography are included. (Author)

503 DE MEY, JEAN. Een eigenaardig personage: Frederik II van Johenstaufen [An Odd Person: Frederick II of Hohenstaufen]. *JEGMP* (1989) pp. 119-135 illus.

A concise survey on the history and the coinage of Frederick II of Hohenstaufen is given. (Johan van Heesch)

504 DE MEY, J.-R. Een ten onrechteals Brabants beschouwde goudgulden dient toegeschreven te worden aan Ligny [A Gold Florin Mistakenly Described as Struck in Brabant has to be Attributed to Ligny]. *JEGMP* (1988) pp. 35-36 illus.

A gold florin of Philip, Count of Saint-Pol and Ligny, minted in the first half of the 15th century, was mistakenly described as struck in Brabant, but has to be attributed to Ligny (Namur, Belgium). (Johan van Heesch)

505 DOUTRIAUX, JACQUES. Cent cinquante six coins de l'atelier monétaire d'Arras des 13e et 17e siècles. *RBN* Vol. 135 (1989) pp. 207-209.

In the museum of Arras (France) dies from Robert of Artois, Philip IV and Louis XIV are preserved. (Johan van Heesch)

506 DUPLESSY, JEAN. Monnaies flamandes inédites de Philippe le Beau

dans la collection Vernier (Musée des Beaux-Arts de Lille). *CENB* Vol. 25 (1988) pp. 86-90 illus.

Seven silver and billon coins of Philip the Handsome, struck in Flanders, show minor varieties not previously published. (Johan van Heesch)

507 EHMER, HERMANN. Quellen zur Münzgeschichte der Grafen von Wertheim im Mittelalter. *Wertheimer Jahrbuch* (Wertheim, Verlag des Historischen Vereins Wertheim e.V. 1986/87) pp. 17-34.

Eight charters written between 1363 and 1425 concerning the mint activities of the counts of Wertheim are published in full and preceded by historical interpretations. (Peter Ilisch)

508 ERZMANN, HUBERT. Goldmacher und Münzforscher in der Zeit der ausklingenden frühbürgerlichen Revolution in Deutschland. *NH* No. 67 (Erfurt 1989) pp. 32-49.

The author is concerned with the "Geldmacher" and forgeries as well as the appropriate punishments in the 16th century. (Paul Arnold)

509 FILIPOW, KRZYSZTOF. Obrót pieniężny w Wielkim Księstwie Litewskim XVI-XVII wieku w świetle analizy statystycznej skarbów monet. Wybrane problemy [Monetary Circulation in the Great Duchy of Lithuania from the 16th to 17th Centuries in Light of the Statistical Analysis of the Coin Hoards. Selected Problems.] *PracMat* No. 9 (1989, publ. 1990) pp. 195-204 illus. English summary.

The author analyzes ca. 100,000 coins buried in the 16th and 17th centuries in the area of the Great Duchy of Lithuania: ca. 87 percent of the coins were the Crown (Polish) and Lithuanian issues. (Andrzej Mikołajczyk)

510 FRANDSEN, LENE B. Trade, coins and foreign influences during pre-Viking and Viking-age Ribe. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 37-42.

511 GAMA BARATA, J. Moedes Portuenses no reinado de D. Maria II (1833 e 1847). *Nummus* Vol. 11 (9 88) pp. 15-42.

512 GAMBY, E. Vem var Aacuneignundeï? [Who Was Aacuneignundeï?]. *SNT* No. 6 (1990) pp. 131-135 illus. In Swedish.

The author suggests that the meaning of the legend should be Hakon Signum Dei. (Harald Nilsson)

513 GAMBY, ERIK. Onlaf rex normannorum. *NNUM* No. 6 (1990) pp. 118-122 illus. In Swedish.

The author argues that the coins with the legend **Onlaf rex** nor were probably

struck not by Olaf Tryggveson of Norway but by Olof Skötkonung of Sweden.
(Harald Nilsson)

514 GEIGER, HANS-ULLRICH. *Moneta Sancti Galli. Die Münzprägung St. Gallens im Mittelalter. Schriften des Vereins für Geschichte Bodensee* Vol. 106 (Friedrichshafen, 1988) pp. 131-144.

The author describes the development of the economy, the currency system, local loans as well as economic factors attached to the general background of the economic history of St. Gall—based on documents and descriptions of typical coins as well as financial and legal events connected with the area.
(Ralf Althoff)

515 GORINI, GIOVANNI. *Moneta e scambi nel Veneto altomedioevale. Il Veneto nel Medioevo. Dalla "Venetia" alla Marca Veronese.* (Verona, Banca Popolare di Verona, 1989) pp. 166-197 illus.

The author considers the transitional period between the classical world and the medieval world. The mints active in the striking coinage for the region are discussed in the following order: Aquileia (up to 452), Ravenna (up to 756), Venice (820) and Verona (889). The circulation patterns and deposits (very scarce) are also described.
(Sara Sorda)

516 GÖTTMANN, FRANK. *Über Münz- und Währungsprobleme im Bodenseeraum vom Ende des 17. bis zur Mitte des 18. Jahrhunderts. Schriften VG Bodensee (Friedrichshafen).* Vol. 107 (1989).

The author considers the background events, the politics of the currency, the second Kipper crisis, the devaluation as well as the withdrawal of coinage from circulation, trade relations and markets, in addition to defensive measures against bad coinage and related topics, such as aims and uses of coinage and profitable endeavors within Schwabian circles.
(Ralf Althoff)

517 GUTBROD, WERNER. *Die Andreasmünzen aus dem Harz. GN* Vol. 25 No. 138 (1990) pp. 192-195 illus.

The Brunswick-Lüneburg coinage with St. Andrew is surveyed. (Peter Ilisch)

518 HALACKA, IVO. *Die 1/4-Talerprägungen 1628 Ferdinands II. aus der Münzstätte Breslau. GN* Vol. 24 No. 134 (1989) p. 307 illus.

The author publishes a quarter-thaler, dated 1628, from the Hapsburg mint of Breslau.
(Peter Ilisch)

519 HÅRDH, BIRGITTA. The function of silver in the Viking Age: discussion of methods and results. H. Clarke and E. Schia, Eds. *Coins and Archaeology.* (Oxford, BAR International Series 553, 1989) pp. 43-51.

520 HATZ, GERT. *Der Fund von Winsen-Luhdorf, Krs. Harburg, vergraben nach 1371. HBN* Vols. 33/35 (1979/81, publ. 1989) pp. 83-103.

In 1986 a jar with 134 coins was found near Hamburg. All with the exception of a Swedish örtug, were witten denominations of Hamburg, Lübeck, Wismar, Rostock, Stralsund, Kiel and Lüneburg, which are described; their composition is discussed. (Peter Ilisch)

521 HENDRICKX, M. Een Thornse patard met leesbare opschriften geslagen tijdens de regering van Anna van der Marck (1604-1631) [A 'patard' of Thorn with Legible Legends Struck under the Reign of Anna van der Marck (1604-1631)]. *JEGMP* No. 108 (June 1988) pp. 2-3 illus.

A new and well-preserved specimen of a coin of A. van der Marck of Thorn (Limburg, the Netherlands) makes it possible to read the legends correctly for the first time. (Johan van Heesch)

522 HOCHGREBE, HEINRICH. Beiträge zum Münzbetrieb in der Grafschaft und im späteren Fürstentum Waldeck von 1622 bis 1929. *Geschichtsblätter für Waldeck* Vol. 77 (Arolsen, Waldeckischer Geschichtsverein, 1989) pp. 5-43 illus. ISSN 0342-0965.

Archival sources reveal details about the coinage of the county and later principality of Waldeck, which struck during the crisis of 1622 probably in Arolsen, in 1638 in Mengerlinghausen, 1652-55 there again, in 1693 in Detmold (Lippe), in 1694-95 in Cologne and from 1730 to 1839 with interruptions in Arolsen. Later coinages used the Prussian mints of Berlin and Hanover. The author also deals with the commemorative coin relating to the unification of Waldeck to Prussia in 1929. The related evidence deals with the mints, mint masters, the circulation and the coin collection of the princely house. (Peter Ilisch)

523 HUFFSTOT, J.S. A minute graffito on a Nineteenth-Century Portuguese Coin. *NCirc* Vol. 98 No. 5 (June 1990) pp. 155-157 illus.

524 ILISCH, PETER. *Westfälische Münzgeschichte 1566-1622*. (Bochum, Numismatische Sammlungen der Fakultät für Geschichtswissenschaft der Ruhr-Universität, 1990) 4 pp. illus.

The development of coin striking in the Westphalian territories, the reform attempts after 1566 and the kipper crisis of 1618-1622 are surveyed. (Author)

525 JENSEN, JØRGEN STEEN. In which periods of the Middle Ages are Danish coin finds representative of Danish monetary circulation? H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 25-28.

526 JENSEN, JØRGEN STEEN. 1300-tallet — skatfundenes store perioder [The 14th Century — The Heyday of the Hoards]. *Nationalmuseets arbejdsmark* (1989) pp. 57-67 illus. In Danish.

The author presents some conclusions he has reached while working on a corpus

of coin hoards from the period ca. 1050-ca. 1550 from present day Denmark. Of the 326 hoards from this period no less than 126 are from the 14th century. 38 hoards are from ca. 1320-ca. 1335 and consist mainly of Danish coins while the remaining hoards are composed of foreign coins.
(Harald Nilsson)

527 KAHL, HANS-DIETRICH. Ein Münztechniker des sechszehnten Jahrhunderts plaudert aus der Schule. Des Vanoccio Biringucci "Darlegungen und Winke betreffend den richtigen und nutzbringenden Betrieb einer Münze." *HBV* Vol. 33/35 (1979/81, publ. 1989) pp. 215-220.

The text of Vanoccio Biringucci (ca. 1538) relating to mint techniques is introduced and published in a German translation.
(Peter Ilisch)

528 KIERSNOWSKI, RYSZARD. Obieg pieniężny w późnym średniowieczu: przegląd źródeł [Monetary Circulation in the Late Middle Ages: A Survey of Sources]. *PracMat* No. 9 (1989, publ. 1990) pp. 133-143. English summary.

The author discusses three categories of sources—coinage, coin finds and written records—which yield evidence of the monetary circulation in medieval Europe.
(Andrzej Mikołajczyk)

529 Kilian, *Mönch aus Irland - aller Franken Patron*. Exhibition catalogue. (Würzburg, Mainfränkisches Museum 1989).

On pp. 93-97 coins from Merovingian graves in Franconia are listed and summarily described. Also included are some medals and coins depicting Saint Kilian.
(Peter Ilisch)

530 KLACKENBERG, HENRIK. Monetization in medieval Sweden: an archaeological approach. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International 1989) pp. 91-99.

531 KLEIN, ULRICH. Die Konstanzer Münzprägung vom Ende des 9. bis zur Mitte des 12. Jahrhunderts. *Freiburger Diözesan-Archiv* Vol. 109 (Freiburg, Verlag Herder 1989) pp. 213-266 illus. ISSN 0342-0213.

126 coins struck in Konstanz for the royalty and after 1020 onward for the bishop of Konstanz are illustrated and described. The coins cover the types and varieties struck between the end of the 9th and the middle of the 12th centuries. The development of coinage in Konstanz is discussed.
(Peter Ilisch)

532 KLEIN, ULRICH and RAFF, ALBERT. *Esslinger Münzen und Medaillen*. (Esslingen, Esslinger Bank eG 1990) 24 pp. illus.

A preliminary report concerning the research of the pfennigs of Esslingen (10th and 11th centuries) is given. The main types are discussed and illustrated. The medals which related to this city, issued between 1614 and 1977, are arranged and discussed.
(Peter Ilisch)

533 KLEIN, ULRICH. Konstanzer Münzen der Stauferzeit. *Konstanz im Mittelalter*. Vol. I: Von den Anfängen bis zum Konzil. (Konstanz, Stadler Verlagsgesellschaft 1989) pp. 281-284 illus.

41 coin types of the bishops of Konstanz struck between ca. 1160/65 and ca. 1270/90, with one exception of a uniface bracteate, are illustrated and described. (Peter Ilisch)

534 KLÜSSENDORF, NIKLOT. Der Münzschatz des 16. Jahrhunderts vom Pfarrhausgrundstück zu Neukirchen (Schwalm-Eder-Kreis), entdeckt im Jahre 1711. *Zeitschrift des Vereins für hessische Geschichte und Landeskunde* Vol. 94 (1989) pp. 125-138 illus.

In 1711, a hoard containing 114 gold florins, 2 thalers and 20 Schreckenbergs groats from Saxony was discovered during the construction of the new parish house of Neukirchen (Hesse). The coins were buried in the early 16th century. From the point of law, a novel solution was made. Landgrave Karl of Hesse-Kassel (1670-1730) picked out 4 coins for his collection, 40 coins were given to the workers, the remaining coins were used to finance the parish house. (Author)

535 KLÜSSENDORF, NIKLOT. *Der Münzschatz von Herborn. Zur Kipperzeit in der Grafschaft Nassau-Dillenbrüg. Untersuchungen und Materialien zur Verfassungs- und Landesgeschichte*. Vol. 12. Hessisches Landesamt für geschichtliche Landeskunde. (Marburg, N.G. Elwert Kommissionsverlag, 1989) 201 pp. illus.

In 1984, a hoard of 10 gold and 1,056 silver coins was discovered in Herborn (Hesse). The hoard was buried at the end of the great inflation (1618-1622). It contained coins from the 12th to the early 17th century from all parts of Europe. The coins were collected as precious metal under the special conditions of the inflation. The hoard represents a unique mixture of good and base coins, thus reflecting the double reality of the contemporary circulation: the withdrawal of good coin, and the frequent use of inflationary coin. On the background of the regional circulation of money, the monetary policy of the Counts of Nassau-Katzenelnbogen is discussed as an example for a country without a mint of its own. The only possible reaction to the monetary crisis was the control of the circulation by decrees and evaluations of the circulating coin. Though not participating the coin convention of 1623 concluded by Mainz, Hesse-Darmstadt, Nassau-Saarbrücken, and Frankfurt, the counts tried to adjust the monetary units in their country to the Frankfurt system. Particular attention is paid to evaluations and local units of reckoning. (Author)

536 KLÜSSENDORF, NIKLOT and STEINWASCHER, GERD. Frühe Denkmalpflege auf schaumburg-lippischen Gütern in Mecklenburg. Die Ausgrabung eines bronzezeitlichen Grabhügels bei Tieplitz (Ruchow) und ein mittelalterlicher Münzschatz bei Remplin. *Mecklenburgische Jahrbücher* Vol. 107 (1989) pp. 47-101 illus.

The Remplin hoard is described in terms of the background on the early legislation and administration concerning archaeological discoveries (including coin hoards) in the former grand-duchy of Mecklenburg-Schwerin. In 1830, 990 medieval coins

were found at a site owned privately by the Prince of Schaumburg-Lippe who resided at Bückeburg. Though a contemporary description of the hoard was prepared by Erhard v. Nettelblatt, a librarian of Rostock University, no publication appeared. The coins were dispersed, as the Prince was not willing to donate the hoard to the university collection, as suggested by v. Nettelblatt. Based on Bückeburg's files, the hoard is published with particular attention to the recent discussion on the coinage (including imitations) and circulation of *witten* in Mecklenburg and Pomerania. The hoard is dated ca. 1410, it contained 44 pennies (Mecklenburg, Stralsund), 1 Lübeck *dreiling*, and *witten* from Hamburg (4), Lübeck (5), Lüneburg (6), Wismar (16), Güstrow (13), Parchim (2), Rostock (155), Anklam (85), Greifswald (57), Stettin (2), and Stralsund (366, plus 2 forgeries). (Author)

537 KRAMER, HEINZ J. Parität und Kaufkraft mittelalterlicher Münzen. *Das Münster am Hellweg. Mitteilungsblatt des Vereins für die Erhaltung des Essener Münsters* (Jan.-Dec. 1990) (Essen, Münsterbauverein e.V., 1990) pp. 110-114.

A general discussion concerning the medieval monetary units serves as a basis for several examples of purchasing power. (Ralf Althoff)

538 KREJČÍK, TOMÍŠ and ŠMERDA, JAN. *Geschichte und Kultur Mährens im Spiegel der Münzen und Medaillen*. Sonderausstellung der Numismatischen Abteilung des Mährischen Museums Brno 4.5.-10.6. 1990 in Dresden. (Dresden, 1990) 23 pp.

The guide to the special exhibit of the coin collection of the Moravian Museum in Brno is concerned with the origin and development of the monetary system and numismatic art in Moravia. (Paul Arnold)

539 KÜHN, WALTER. Die Prägekappe, ein bisher unbekanntes Werkzeug zur Herstellung von Hohlmünzen. Zugleich ein Beitrag zur Technik der einseitigen Kleinmünzenprägung im Mittelalter—mit Exkurs zur vermeintlichen Mehrfachprägung bei Hohlmünzen. *GN* Vol. 25 No 138 (1990) pp. 182-191 illus.

The tools used for the production of uniface coinage in bracteate technique during the later medieval and early modern period in Central Europe are discussed. Production traces are the main evidence. A hitherto unknown tool is reconstructed and identified among surviving dies: it is a die where the space below the surface was to be filled with elastic material. The older literature concerning later medieval bracteate techniques and the so-called Schüsselpfennige are discussed. The theory of striking several bracteates simultaneously is treated, yet no such identifiable traces have as yet been noted on any coin. (Peter Ilisch)

540 LAGERQVIST, L.O. Sensation igen i Sigtuna ! [A Sensational Find Again At Sigtuna !]. *SNT* No. 8 (1990) pp. 172-173 illus. In Swedish.

A fragmentary lead impression from a die for a silver coin of Olov Skötkonung was found in September during excavations at Sigtuna. One side shows an obverse die of one of Olov Skötkonung's imitations of the Long Cross type. The reverse has to be cleaned before it can be studied. (Harald Nilsson)

541 LAUERWALD, PAUL. Die Münzfunde des Eichsfeldes (dritter Nachtrag). *Eichsfelder Heimathefte Worbis* Vol. 29 No. 4 (1989) pp. 325-333.

The author discusses the new coin finds from Eichsfeld. (Paul Arnold)

542 LEYDA DAMIA, J. Moneda valenciana (2 mitad s.XV) presente en la obra de Jeune Roig: Espill a llibre de les dones. *GacNum* Vol. 96 (1990) pp. 7-11.

543 LEYDA DAMIA, J. Novedades en las acuñaciones medievales del reino de Navarre. *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN, 1989) pp. 379-382.

544 LINK, EBERHARD. Der Nachruf auf der Münze. Zu Graffiti auf einer Amsterdamer Taler-Klippe von 1578. *GN* Vol. 25 No. 138 (1990) pp. 228-230 illus.

An obseidary klippe of the city of Amsterdam, dated 1578, was used to commemorate the death of a grandfather in 1603 by its graffiti. (Peter Ilisch)

545 LIPS, H. Le teston. *Vie num* Vol. 38 No. 9 (Dec. 1988) pp. 287-292 illus.

During the Renaissance, with its renewed interest in antiquity and man, coins with portraits on the obverse were issued once again. Examples of these Italian and French silver coins—called testons—are discussed. (Johan van Heesch)

546 LLOBET I PORTELLA, J.M. El terç de croat de Pere de Portugal encunyat a Cervera l'any 1465 i la seva identificació: estat de la qüestió. *ActaNum* No. 17-18 (1990) pp. 257-261.

The author discusses this coin with the legend **ILERDENCIS**. (Leandre Villaronga)

547 MASTROIANNI BOVI, LUISA. Osservazione su di un "Denaro" di Giovanna I e Ludovico di Taranto 1352-1362. *BollCircNumNapoletano* Vols. 68-71 (1983-1986) pp. 7-14 illus.

The author publishes a coin from the collection Mastroianni-Bovi of Joanna I and Louis of Taranto bearing on the obverse the coat of arms of Jerusalem and Anjou in wreathed circle and on the reverse the square cross of 4 lilies in a wreathed circle. (Andrea Carignani)

548 MASTROIANNI BOVI, LUISA. *Studi di numismatica (1934-1984) del dottor Giovanni Bovi.* (Naples, 1989) 1417 pp. illus.

A collection of ca. eighty numismatic contributions of the scholar and collector Giovanni Bovi are published. Problems concerned almost exclusively with the coinage of Naples and southern Italy between the 15th and the 19th centuries are presented. (Andrea Carignani)

549 MATEU Y LLOPIS, F. Oro toledano y andaluz en el Reino de Fernando I de León y Castilla (1037-1065) releyendo el Monarçi Silensis Chronican. *Homenaje a D. Claudio Sanchez Albornoz en sus 90 años.* (Madrid, 1985) pp. 170-215.

550 MEERT, CHRISTIAN. Frappe des ateliers de Bouvignes et de Méraude sous Guillaume I, Comte de Namur (1337-1391) et sous Marie d'Artois, Dame de Poilvache (1342-1353). *RBN* Vol. 135 (1989) pp. 25-38 illus.

The coins struck by William I, Count of Namur (1337-1391), and Mary of Artois, Lady of Poilvache (1342-1353), in the mints of Bouvignes and Méraude are discussed. A catalogue is given.
(Johan van Heesch)

551 MEIER, RUDOLF. Auch Stade liess Gegenstempel auf Münzen schlagen. Entdeckung eines bisher unbekannten Belegstückes zur Stader Münzgeschichte—Ein Harburger 1/16 Taler mit Stader Gegenstempel. *Berichte* Vol. 30 No. 169 (1990) pp. 861-864 illus.

A counterstamp with a key to the right occurring on a double shilling of 1617 is attributed to the city of Stade.
(Peter Ilisch)

552 MIKOŁAJCZYK, ANDRZEJ. Anglosaskie monety w Polsce wczesnośredniowiecznej [Anglo-Saxon Coins in Early Medieval Poland]. *PracMat* No. 9 (1989, publ. 1990) pp. 87-102 illus. English summary.

The hoards manifest the flow of the Anglo-Saxon coinage to Poland from the late 10th to the end of the 11th century. The hoards reflect the Scandinavian-Polish relations, and the material is compared with the Scandinavian finds.
(Author)

553 MIKOŁAJCZYK, ANDRZEJ. Strefy obiegu monetarnego w Europie środkowej w średniowieczu i wczesnym okresie nowożytnym [Zones of the Monetary Circulation in Central Europe in the Medieval and Early Modern Period]. *PracMat* No. 9 (1989, publ. 1990) pp. 157-179 illus. English summary.

The medieval and early modern coin hoards provide evidence for the changing and interacting zones of circulation of different coins as well as the possible uses for the coins which remained circulating within the distinct territorial boundaries of Poland, Germany, Czechoslovakia, Hungary, Austria, Ukraine, Byelorussia, Lithuania and Scandinavia.
(Author)

554 MIKOŁAJCZYK, ANDRZEJ. Talary Zygmunta III w zbiorach Muzeum Archeologicznego i Etnograficznego w Łodzi [The Thalers of Sigismund III in the Collection of the Archaeological and Ethnographical Museum in Lodz]. *Prace i Materiały Muzeum Archeologicznego i Etnograficznego w Łodzi*. Archaeological Series No. 34 (1987, publ. 1990) pp. 269-273 illus. English summary.

A register of Polish thalers struck in the Crown mint of Bydgoszcz and in the municipal mint of Torun during the reign of Sigismund III (1587-1632) is given.
(Author)

555 MORA, B. Reacuñaciones en la ceca de Acinipo. *ActaNum* Vol. 17-18 (1989) pp. 95-100.

556 MOTOS GIRAO, E. and DIAZ GARCIA, A. Hallazgo numismático en Albolote (Granada). *Homenaje a Prof. D. Cabanelas*. (Madrid, 1987) pp. 271-280.

557 MÜLLER, INGER HELENE VIBE. Coins in churches: a means of payment? Part Two. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, Bar International Series 553, 1989) pp. 83-89.

Problems of the relationship of coins to the church building and the church site as a functional context are discussed in the light of excavations at 27 Norwegian sites.
(Edward Besly)

558 MURARI, OTTORINO. Tremisse per Reggio Emilia di Desiderio re dei Longobardi. *Memorie dell'Accademia Italiana di Studi Filatelici e Numismatici* Vol. 4 (1990) pp. 123-132 illus.

The author discusses remains, found in the excavation in Emilia in 1989, of a tremissis of Desiderius, struck in Reggio Emilia. This is the first evidence of the activity of a mint in this city during the Lombard period.
(Sara Sorda)

559 MUSIAŁEK, STEFAN. Skarb brakteatów krzyżackich z Mikanowa [The Teutonic Knights' bracteate hoard from Mikanowo]. *WN* Vol. 32 (1988, publ. 1990) pp. 80-94 illus. English summary.

The hoard of 7,060 bracteates and 2 larger coins was found at Mikanowo in Kujavia, Poland. In the author's opinion, the bracteates were issued by the Teutonic Order between 1410 and 1456.
(Andrzej Mikołajczyk)

560 MUSIAŁOWSKI, ADAM. Obieg pieniężny na Kujawach na przełomie średniowiecza i czasów Nowożytnych 1454-1600. Próba rekonstrukcji [Monetary Circulation in Kujavia at the Turn of the Middle Ages and Modern Period, 1454-1600. An Attempt at Reconstruction]. *PracMat* No. 9 (1989, publ. 1990) pp. 181-188. English summary.

An analysis of 11 hoards provides some information concerning the monetary circulation during the years 1454-1600 in Kujavia, Poland.
(Andrzej Mikołajczyk)

561 NOLLOMONT, LUC. Pour qui travaillons-nous? *Vie num* Vol. 38 No. 9 (Dec. 1988) pp. 294-300 illus.

A book published in 1902 contains a chapter which gives a good idea of the purchasing power of Belgium money at that time. The author gives a summary of these data.
(Johan van Heesch)

562 NORTH, MICHAEL, Ed. *Geldumlauf, Währungssysteme und*

Zahlungsverkehr in Nordwesteuropa 1300-1800. Beiträge zur Geldgeschichte der späten Hansezeit. (Cologne-Vienna, Quellen und Darstellungen zur Hansischen Geschichte N.F. 35, 1989).

The primary topics of this book are money circulation, currency systems and coin production as well as financial transactions. What influenced money circulation is discussed from the visual angle of numismatics in articles by Peter Berghaus ("Hansisches Geld in Westfalen"), Jørgen Steen Jensen ("Lübecker und Hamburger Münzen in dänischen Schatzfunden, 1450-1660"), and Eduard Šimek ("Münzproduktion und Geldumlauf in Böhmen im 16. und 17. Jahrhundert") — the latter are concerned with the role of coinage in Westphalia and Denmark as well as the significance of Bohemian currency within the German territory. Coin finds serve as the primary source, and are compared to literary sources. A quantitative examination of Dutch circulation clarified how important the connections of find material, literary tradition and statistical procedures are. This examination is the article by Erik Aerts ("Der Geldumlauf in den Burgundischen Niederlanden im 15. Jahrhundert"). Articles devoted to the themes of money circulation and coin production concern both the results of continuing research and new projects. As a foundation for the research in coin production, the Cologne mark is examined by Harald Witthöft ("Die Kölner Mark zur Hansezeit"). The investigation demonstrates that there was no standard mark in Cologne in the early Hanseatic period, but only a diversity of weights among the foreign and local marks. Probably under the influence of Flanders and Bruges the mark was assigned the Troy weight of 233 g. Other coin productions are discussed by Eddy Van Cauwenberghe ("Die Münzproduktion in den Niederlanden, 14.-18. Jahrhundert"); Franz Irsigler ("Währungen im oberlothringischen Raum, 1350-1600"); Peter Spufford ("Münzverschlechterung und Inflation im spätmittelalterlichen und frühneuzeitlichen Europa"). The latter article includes France, England, Burgundy and Prussia in the discussion. Essential examinations in the changes of trade and the economy in the late middle ages and early modern age in Europe are provided in the contributions concerning financial transactions. Stuart Jenks ("Hartgeld und Wechsel im hansisch-englischen Handel des 15. Jahrhunderts") describes the connections between the coin production and foreign trade in England. The increase in financial transactions by check in the 16th and 17th centuries is discussed by Marie-Thérèse Boyer-Xambeu, Ghislain Deleplace and Lucien Gillard ("Goldstandard, Währung und Finanz im 16. Jahrhundert") as well as Jürgen Schneider ("Hat das Indossament zum Niedergang der Wechselmessen im 17. und 18. Jahrhundert beigetragen?"). The importance of checks as a means to transfer money and as instruments of credit is emphasized. (Editor)

563 OXFORD, JOHANNES B. Die Verhältnisse im mittelalterlichen Erfurt und die Prägung der sogenannten "Erfurter Sargpfennige" in der Zeit des Bauernkrieges 1525. *NH* No. 67 (Erfurt 1989) pp. 27-31.

The striking of the Erfurt "Sargpfennige" is described in detail. (Paul Arnold)

564 PANNUTI, MICHELE. Il rame repubblicano del 1799 e quello di Ferdinando IV (1796-1803) illustrati da documenti inediti. *BollCircNum-Napoletano* Vols. 68-71 (1983-1986) pp. 39-48 illus.

Based on numerous archival documents the author delineates the history and the modality of the different bronze issues struck in Naples during 1799 and under the rule of Ferdinand IV. (Andrea Carignani)

565 PANNUTI, MICHELE. Le monete di Ferdinando IV di Borbone del 1805 illustrate da documenti inediti. *BollCircNumNapoletano* Vols. 68-61 (1983-1986) pp. 33-38 illus.

In light of unpublished archival documents the author investigates the different issues of the coinage of 6 and 12 carlini with the portrait of Ferdinand IV of Naples, struck during the year 1805.
(*Andrea Carignani*)

566 PASZKIEWICZ, BORYS. Uwagi o XIII-wiecznym skarbie z Łubnic pod Wieluniem [Remarks on the 13th Century Hoard from Łubnice near Wieluń]. *WN* Vol. 32 (1988, publ. 1990) pp. 60-79 illus. English summary.

The hoard of 1,638 medieval coins (*tpq* 1269) was found at Łubnice in 1907. The author reconsiders the contents scattered among various Russian, German and Polish museums and presents a small portion which arrived in the Warsaw museums. Most of the coins came from Cologne, where the whole hoard had been collected, then subsequently brought to Poland by some German colonists in the late 13th century.
(*Andrzej Mikołajczyk*)

567 PASZKIEWICZ, BORYS. Znaleźiska średniowieczne i nowożytnie w zbiorze i archiwum Państwowego Muzeum Archeologicznego w Warszawie [Medieval and Modern Finds in the Collection and Archives of the State Archaeological Museum in Warsaw]. *WN* Vol. 32 (1988, publ. 1990) pp. 215-241 illus. English summary.

The data concerning the coin finds from Poland, Latvia and Lithuania protected in whole or in part in the State Archaeological Museum in Warsaw, as well as pertinent information from museum files, are published.
(*Andrzej Mikołajczyk*)

568 PAWŁOWSKA, JOANNA. Skarb brakteatów krzyżackich z zamku w Kwidzynie [The Teutonic Knights' Bracteate Hoard from the Kwidzyna Castle]. *WN* Vol. 32 (1988, publ. 1990) pp. 95-101 illus. English summary.

The excavations in the Teutonic Pomeranian chapter's castle at Kwidzyna, Poland, revealed 234 bracteates of the Teutonic Order, buried ca. 1410 during a siege by the Polish army.
(*Andrzej Mikołajczyk*)

569 PETRY, KLAUS. Zur Münzprägung des Metzger Bischofs Adalbero II. (984-1005). *HBN* Vols. 33/35 (1979/81, publ. 1989) pp. 205-213.

Coin types Dannenberg 11, 12, 12a and 1404 hitherto attributed to Adalbero, Bishop of Metz (ca. 962), are reattributed to Adalbero II, Bishop of Metz (984-1005) and Emperor Otto III (996-1002).
(*Peter Ilisch*)

570 PINIŃSKI, JERZY. Grosze czeskie w obrocie monetarnym Europy środkowej i Wschodniej [Bohemian Grossi in the Monetary Circulation of Central and Eastern Europe]. *PracMat* No. 9 (1989, publ. 1990) pp. 145-155. English summary.

Numerous 14th and 15th century hoards provide evidence as to the location of the Bohemian grossi in the monetary circulation in the territories of Czechoslovakia, Austria, Germany, Poland, Lithuania, Byelorussia and Ukraine. (*Andrzej Mikołajczyk*)

571 REBELLO, F. Gold coinage of D. Alfonso VI and an unrecorded date in Sao Tome. *NCirc* Vol. 98 No. 5 (June 1990) p. 160 illus.

572 REDIN, LARS. Medieval coins in recent archaeological excavations in Sweden. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series, 1989) pp. 9-14.

573 RICHTER, KLAUS. Der Münzfund von Winsen-Luhdorf: ein um 1373 vergrabener Kaufmannsschatz? *HBN* Vols. 33/35 (1979/81, publ. 1989) pp. 105-106.

The author discusses the possibilities that the Winsen-Luhdorf hoard (published by G. Hatz in the same volume) belonged to a merchant. (*Peter Ilisch*)

574 RÖBLITZ, GÜNTHER. Beiträge zur hessischen Groschenprägung. *GN* Vol. 24 (1989) No. 129, pp. 6-10; No. 130, pp. 69-73; No. 131, pp. 117-120; No. 132, pp. 168-172; No. 133, pp. 216-220; No. 134, pp. 276-279; Vol. 25 (1990) No. 135, pp. 5-7; No. 136, pp. 64-69 illus.

The author discusses the striking of groschen denominations in the district of Hesse within the context of the development of Thuringia, starting with the halbgroschen of the Schmalkalden mint ca. 1378 and ending with the death of Wilhelm III ca. 1500. The author attempts to correlate the various issues of Hesse with those of Thuringia, including dates. A discussion of the albus striking which imitate coins from the Rhineland is also presented. (*Peter Ilisch*)

575 RÖBLITZ, GÜNTHER. Braunschweiger Beischläge zu den hessischen Löwenschogroschen und zur Fälschungsproblematik. *GN* Vol. 25 No. 140 (1990) pp. 317-320 illus.

In response to a 1976/77 article by P. Arnold, the author discusses the groschen issues struck in the 15th century in the Brunswick duchies. He concludes that these are not copies of Saxon groschen, but imitations of Hessian coinage and that the term forgery used by Arnold is by no means justified. (*Peter Ilisch*)

576 RÖBLITZ, GÜNTHER. Das Jenaer Schloss mit dem Immelsglobus und die dazu herausgegebenen Gedenkmünzen. *GN* Vol. 25 No. 138 (1990) pp. 198-204 illus.

Following a general introduction of the history of the Jena ducal palace, the author discusses gold and silver coins struck to commemorate the 1661 construction. (*Peter Ilisch*)

577 RÖBLITZ, GÜNTHER and BEHR, GERD. Die Erfurter Kippermün-

zung der Jahre 1621 und 1622. *NumBeitr* Vol. 23 No. 1 (1990) pp. 3-10.

The authors are concerned with the kipper coinage of Erfurt issued in the years 1621 and 1622. (Paul Arnold)

578 RÖBLITZ, GÜNTHER. Die Mühlhäuser Groschenprägung des Jahres 1525. *NH* No. 67 (Erfurt 1989) pp. 5-11.

The author discusses in detail the Groschen pennies of the free imperial state Mühlhausen in 1525. (Paul Arnold)

579 ROVELLI, ALESSIA. Monete, tessere e gettoni. *Archeologia urbana a Roma: il progetto della Crypta Balbi. 5. L'edra della Crypta Balbi nel Medioevo (XI-XV secolo)*. Vol. II. L. Paroli and L. Sagui, Eds. (Florence, All'Insegna del Giglio 1990) pp. 169-194 illus.

The author presents the numismatic material (88 coins and 7 tesserae) found in the medieval strata of the entrance of the Crypta Balbi in Rome (11th-15th centuries). A remaining 24 coins of the Roman period, from a variety of mints, bear witness to the position of Rome in the medieval age. This phenomenon reflects not only the arrival of the pilgrims but also the existence of a certain level of commercial activity and the presence of seasonal workers. (Andrea Carignani)

580 RUDLING, DAVID. Continental coins in medieval Sussex. *SussexArchColl* No. 127 (1989) pp. 246-247 illus.

Four Venetian soldini of the late 15th/early 16th centuries and 7 other European coins are published. (Edward Besly)

581 RUOTOLO, GIUSEPPE. I fatti del '99: fra monete e fedeli di credito. *BollCircNumNapoleto* Vols. 68-71 (1983-1986) pp. 49-83 illus.

The author reconstructs the economic vicissitudes and the activities of the mint of Naples during the Republic of 1799 and in the period immediately preceding. In particular the author details thoroughly the phenomenon of the certificate of credit issued by the Republican governor vis-à-vis the paucity of the circulating monies. (Andrea Carignani)

582 SAINZ VARONA, F.A. Hallazgos monetarios en la provincia de Burgos. IV. *GacNum* No. 97-98 (1990) pp. 149-151.

The author describes 18 medieval Castilian coins. (Leandre Villaronga)

583 SCERNI, NERI. Il segno di zecca "R" sulle monete della Repubblica Romana del 1798-1799. *BollNum* Vol. 11 (1988) pp. 155-158 illus.

The author re-examines on the basis of some archival sources the problem of the provenance of some baiocchi of the Roman Republic of 1798-1799 struck on the reverse with the mintmark R. In particular, the author prefers to assign the issue to the workshop R, active in 1799, in favor of the mint of Rome. (Andrea Carignani)

584 SCHIA, ERIK. Coins and their function in the society of medieval Oslo. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 101-109.

585 SCHLEGEL, A. Der 1. Goldgulden der kurfürstlichen Münzstätte Mainz. *GN* Vol. 25 No. 135 (1990) p. 44 illus.

The dating of a golden guilder of Mainz with three shields of Archbishop Dieter is briefly discussed; the period 1461-62 is proposed. (Peter Ilisch)

586 SCHLEGEL, A. Der 1. Goldgulden des Mainzer Erzbischofs Adolf II. von Nassau (1463-1475). *GN* Vol. 25 No. 135 (1990) pp. 44-45 illus.

A golden guilder of the Mainz Archbishop Adolf II dated to 1461-66 is thought to be the first guilder of this ruler. (Peter Ilisch)

587 SCHNEIDER, KONRAD. Der Hamburger Falschgeld von 1884. *HBN* Vols. 33/35 (1979/1981, publ. 1989) pp. 181-193.

In 1884 40 kg of Prussian 1/6 thalers and 27 kg of Schleswig-Holstein 2-shillings dated 1812 as well as some Warsaw 10 Groszy 1813, all forged and probably manufactured in England, were found in Hamburg. Archival sources report police inquiries in 1815 against the distribution of such false coinage in Hamburg as well as Prussian attempts to get hold of some suspicious Jews who were involved in this case.

(Peter Ilisch)

588 SCHNEIDER, KONRAD. Die Falschmünzerwerkstätte von Hohenseelbachskopf. *Nassauische Annalen* Vol. 101 (1990) pp. 49-57 illus.

In 1898 the remains of a coin forgery were found in a cistern of the medieval castle on the Hohenseelbachskopf. They were not registered properly, but now some blanks and forged coins have been acquired for the Hachenberg Museum. Among these are 2 forged kreuzers of 1744 and 4 kreuzers of 1748 of Hessen-Darmstadt and 2 stubers of 1754 and 4 kreuzers of 1755 of Cleves. Contemporary coin forgery and money circulation are discussed.

(Peter Ilisch)

589 SCHNEIDER, KONRAD. *Die Münzstätte Weilburg*. (Koblenz, Numismatischer Verlag Gerd Martin Forneck 1990) 59 pp. illus. ISBN 3-923-708-05-X.

In Weilburg coins were struck for the bishops of Worms in the first half of the 13th century. Then it became part of the county of Nassau. In 1689 a mint was re-established which struck mainly illegal copies of coins from other territories and closed only a few years later when legal actions were taken against the mint staff and the count. In 1749 minting started again when use was made of silver from the Mehlbach mine. After the closing in 1753, a project to reopen after 1763 was not realized. The author reveals many details about these activities from archival sources. (Peter Ilisch)

590 SERAFIN PETRILLO, P. Sul contenuto argenteo di alcune serie ispaniche. *BollNum* Vol. 11 (1988) pp. 161-167.

591 SIM, E.E. Portuguese occupation (1511-1541). Unlisted tin coins found in Malacca. *Nummus* Vol. 11 (1988) pp. 7-14.

592 SPAULDING, J.E. El epiteto "piue" en les monedes visigodes. *Numisma* No. 192-203 (1985-1986) pp. 33-38.

593 STAHL, ALAN M. European Coinage in Greece after the Fourth Crusade. *Mediterranean Historical Review* Vol. 4 (1989) pp. 356-363.

The author surveys the European coinages imported into Greece before, during and after the issues of *deniers tournois* by the Frankish crusaders who ruled the region in the 13th through the 15th centuries. (Author)

594 STAHL, ALAN M. Venetian Coinage: Variations in Production. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens, and G. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 467-481.

Documentary and numismatic sources are examined to gauge the absolute and relative quantities of coins minted by Venice from the 12th through the 15th century. The comparison of hoards to estimate the relative size of successive issues is the methodology which receives the greatest attention. (Author)

595 STEFKE, GERALD. Der "Wendische Münzverein" und seine Nachbarn im 14. Jahrhundert: Gepräge—Vorbilder und ihre Nachahmungen von den Anfängen bis 1391/92. *HBN* Vols. 33/35 (1979/81, publ. 1989).

A re-examination of the 1932 hoard of Brockhöfe, Lower Saxony, showed the necessity of investigating the dates of certain witten types (Jesse 385, 389-409) in order to determine the deposit date of the hoard. These coin types were hitherto attributed by Jesse as imitations of the Wendic monetary union coinage of 1379/81. For this purpose the results of the unions between 1379-1392 are surveyed. The burial dates of all hoards with wittens with termini post quem 1379 to 1391 are discussed. This leads to the conclusion that certain of the types discussed were struck before 1379/81 and others belong to the early 15th century. In addition the Lubeck dreilings and vierlings of the 14th century are discussed. As a summary, a list of witten issues with proposed dates is given. (Peter Ilisch)

596 STEGUWEIT, WOLFGANG. Erster Fundnachweis für Radpfennige der Münzstätte Heiligenstadt. *Eichsfelder Heimathefte Worbis* Vol. 29 No. 4 (1989) pp. 322-324.

The chronological question concerning the Radpfennige struck in the 15th century in Heiligenstadt is discussed. (Paul Arnold)

597 STOESS, CHRISTIAN. Die frühesten Erfurter Münzen. *Festschrift für Peter Berghaus zum 70. Geburtstag*. (Münster, Antje Sander, Kettelerstr. 52,

D-4400 Münster 1989) pp. 1-10 illus.

Thirty-two coin types struck in Erfurt between ca. 1000 and 1050, partly for the archbishops of Mainz, are described. Some of these were previously thought to originate in Mainz itself.
(*Peter Ilisch*)

598 SUCHODOLSKI, STANISŁAW. Próba datowania brakteatów krzyżackich z XIV-XV w. [A Tentative Dating of the Teutonic Knights' Bracteates from the 14th-15th Centuries]. *WN* Vol. 32 (1988, publ. 1990) pp. 29-59 illus. English summary.

The inscriptionless bracteates of the Teutonic Order are dated according to the hoard and metrological analysis of the individual types. The Greek cross type is dated to 1350-60, the eagle type to 1375-early 15th century, the rectangle and two stars types to 1345-55. The watershed for those bracteates was ca. 1360, when the bracteates were abandoned for the first time.
(*Andrzej Mikołajczyk*)

599 SUCHODOLSKI, STANISŁAW. Uwagi na temat obiegu monetarnego w Europie wczesnośredniowiecznej [Remarks on the Monetary Circulation in the Early Medieval Europe]. *PracMat* No. 9 (1989, publ. 1990) pp. 61-66. English summary.

The author presents the sources, nature of monetary circulation in the chronological and spatial aspects of early medieval Europe, distinguishing 5 essential zones and 4 phases.
(*Andrzej Mikołajczyk*)

600 TAAVITSAINEN, JUSSI-PEKKA. Medieval coins and the dating of Finnish castles and churches. H. Clarke and E. Schia, Eds. *Coins and Archaeology*. (Oxford, BAR International Series 553, 1989) pp. 63-76.

601 THIER, BERND. Das Münzwesen des Bistums Münster unter Friedrich von Wied (1522-1532). *Festschrift für Peter Berghaus zum 70. Geburtstag*. (Münster, Antje Sander, Kettelerstr. 52, D-4400 Münster, 1989) pp. 11-21 illus.

The known coins of Bishop Friedrich of Wied of Münster are catalogued and compared with an edict published in 1530.
(*Peter Ilisch*)

602 TIZZONI, MARCO. Tre sigilli alchemici nelle Civiche Raccolte Numismatiche di Milano. *Notizie al chiostro del Monastero Maggiore* Vols. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano 1989) pp. 65-66 illus.

The author publishes three seals of the Civiche Raccolte Numismatiche of Milan. The first in bronze, depicts symbols, words and numbers and a magic square in the center, which seem to be a love incantation, dating to the 17th century. The second, in brass, bears the zodiacal sign of the scorpion, dating to the mid-18th century. The third seal with various symbols and letters of a secret alphabet seems to date to the 16th century.
(*Andrea Carignani*)

603 TONDO, LUIGI. *Domenico Sestini e il medagliere mediceo*. (Florence, L.S. Olschki 1990) 426 pp. illus.

The famous numismatist, a world traveller of the 18th century, dedicated a great part of his life to journeys in Italy and foreign countries—in western and eastern Europe. These tours are reconstructed on the basis of “letters.” The purpose of these trips was to visit numismatic collections not only to see and compare coinage, but also to study the manner in which collections had been organized. He thus devised within the Florentine cabinet a system based on geography. (Sara Sorda)

604 TRAVAINI, LUCIA. King Victor Emmanuel III of Italy: his Collection and his Numismatic Activity through his Letters and Notes. *Notizie dal chiostro del Monastero Maggiore* Vols. 41-42 (1988) (Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano) pp. 67-70.

The author publishes a brief survey of the numismatic personality of Victor Emmanuel III on the basis of his coin collection, his scientific work and the examination of archival material. (Andrea Carignani)

605 TRAVAINI, LUCIA. Le monete a Roma nel Medioevo. *Studi Romani* Vol. 37 Nos. 1-2 (1989) (Rome, Istituto Nazionale di Studi Romani 1989) pp. 38-49 illus.

A cursory summary of the 1,000 years of Roman coinage from Theoderic to Pope Eugenius IV, 5th through the 15th century, is given. (Andrea Carignani)

606 TURRO, A. Els problemes monetaris e le Commerce de le Vell d'Albeida durent le guerra del 1936-1939. *Alba* No. 2-3 (1990) pp. 66-91.

607 TURRO MARTINEZ, A. Les monedes i xepes catalanes de necessitat (VII). *ActaNum* No. 17-18 (1990) pp. 295-298.

608 ULONSKA, HANS-JÜRGEN. Die Prägungen des Münzmeisters Conrad Stutz für den sächsischen Herzog Bernhard von Weimar und die schwedische Krone zwischen 1632 und 1634. *GN* Vol. 25 No. 136 (1990) pp. 70-73 illus.

The mint master Conrad Stutz and his coins struck for Gustav II Adolf of Sweden, Axel Oxenstierna and Bernhard, Duke of Saxe-Weimar (in the Swedish service) are surveyed. The author argues that these coins were struck in Fürth in 1632 and Würzburg in 1633-34. (Peter Ilisch)

609 VAN HEESCH, JOHAN. Bibliographie de la numismatique belge 1988—Bibliografie van de Belgische numismatiek 1988. *RBN* Vol. 135 (1989) pp. 249-261.

610 VAN LEEMPUT, C. and DE BUYSER, F. Een eigenaardig muntje uit het St.-Alexiusconvent [A Peculiar Coin from the St. Alexius Convent].

JEGMP (1989) pp. 107-112 illus.

During the excavations at the St. Alexius convent in Malines (Belgium) a small billon coin of Johanna of Merwede (1449-1487), struck at Gerdingen in Limburg, was found.
(Johan van Heesch)

611 VANDENBERGHE, STEPHANE. *Metalen voorwerpen uit recent archeologisch onderzoek te Brugge* [Metal objects from recent archaeological investigation at Bruges]. H. De Witte, Ed. (Bruges, V.Z.W. Archeo-Brugge, 1988) pp. 160-191 illus.

Between 1977 and 1987 several seals, coin weights, lead tokens, coins, medals and pilgrim badges were found during the archaeological excavations in Bruges (Belgium); a short description of these objects is given.
(Johan van Heesch)

612 VANNI, FRANCA MARIA. Tutela ed acquisizione di monete etrusche a Firenze nell'ultima epoca granducale. *Atti del Secondo Congresso Internazionale Etrusco* Vol. 2. Firenze, 26 maggio-2 giugno 1985. suppl. StE. (Rome, Giorgio Bretschneider 1989) pp. 1125-1133.

The small support granted by the law during the Grand Ducal period to archaeological endeavors (ca. the second half of the 17th century onward) involved the dispersal of a large quantity of numismatic material found throughout these years until the unity of the country. The article furnishes also the catalogue of part of the Strozzi collection accessioned at that time in the Medagliere of Florence, formed thanks to the flexibility of the laws in the first years of united Italy. (Andrea Carignani)

613 WARMENBOL, EUGENE. Essai d'Interprétation des Vestiges d'époque post-médiévale (XVII s.) trouvés au Trou del Leuve de Sinsin (Namur, Belgique). *Amphora* No. 53 (Sept. 1988) pp. 2-28.

In the Trou de Leuve, a cave at Sinsin (Namur, Belgium), eleven coins and two badges were found. The earliest coin is a silver coin of John II of Brabant (1294-1312); the most recent coin is a liard of Louis XIV, struck in 1697. Most other coins were minted by the prince-bishops of Liège. One badge represents Lucretia; the other has Christ on the obverse and St. Hubert on the reverse.
(Johan van Heesch)

614 WEDELL, KARL-HEINZ. Anhalt-Bernburgs Kleinmünzserie von 1839/40. *GN* Vol. 25 No. 138 (1990) pp. 205-208.

Archival sources show clearly that a small change coinage of 1840 initially contracted at a mint in Mägdensburg was actually struck between 1840 and 1843 in the principality of Anhalt-Bernburg in Berlin, due to lower production costs. Administration statements concerning this coinage and the costs to mint are published.
(Peter Ilisch)

615 WEILLER, RAYMOND. La circulation monétaire et les trouvailles numismatiques du moyen âge et des temps modernes au pays de Luxembourg. Vol. 2. *Publications d'Histoire de l'Art et d'Archéologie de l'Université Catholique de Louvain* Vol. 71; *Numismatica Lovaniensia* Vol. 13 (Louvain-la-Neuve, 1989) 285 pp. illus.

All medieval and modern coin finds known from Luxembourg since the publication in 1975 are listed. Of major interest are finds from excavations in churches, cemeteries and castles, and surface finds from old market places. (Author)

616 WEILLER, RAYMOND. Les principaux aspects de la production monétaire au pays de Luxembourg. *Rythmes de la production monétaire, de l'Antiquité à nos jours. Actes du Colloque international organisé à Paris du 10 au 12 janvier 1986*. G. Depeyrot, T. Hackens, and Gh. Moucharte, Eds. (Louvain-la-Neuve, Séminaire de numismatique Marcel Hoc 1987) pp. 631-638.

The analysis of the periods of activity of the Luxembourg mints shows that striking depended essentially on the volume of metal at their disposal, providing mainly from the withdrawal of older national coins or foreign coins from circulation. The shortage of silver remitted to the mint of Luxembourg thus was the reason for its closing down in 1644. (Author)

617 WEILLER, RAYMOND. Sredniowieczny obieg monetarny e Luksemburgu [Medieval Coin Circulation in Luxembourg]. *PracMat* No. 9 (1989, publ. 1990) pp. 125-131 illus. English summary.

The author surveys the monetary circulation in medieval Luxembourg, with special attention to the 12th through 15th centuries, as provided by evidence from hoards of denari, pennies and Tournais grossi. (Andrzej Mikołajczyk)

618 WEILLER, RAYMOND. Un nouveau denier de l'abbaye d'Echternach. *Hémecht* Vol. 42 No. 2 (1990) pp. 153-155 illus.

A new penny attributed to Thiofrid, abbot of Echternach (1083-1110), found in Trier, is described and illustrated. (Author)

619 WEILLER, RAYMOND. Wczesnośredniowieczne monety trewirskie od okresu merowińskiego do 1169 r. Metody i wyniki najnowszych badań [The Early Medieval Coinage of Trier: Merovingian-1169. Methods and Results of Recent Research]. *PracMat* No. 9 (1989, publ. 1990) pp. 103-116 illus. English summary.

A relative chronology of ca. 5,000 Trier coins struck from the Merovingian period till 1307 is discussed. (Andrzej Mikołajczyk)

620 WILCZEWSKI, ZBIGNIEW. Wstępna informacja o skarbie monet wczesnośredniowiecznych z Głogowa—próbka statystyczna [Preliminary Information on the Early Medieval Coin Hoard from Głogów—A Statistical Sample]. *PracMat* No. 9 (1989, publ. 1990) pp. 117-124 illua. English summary.

A huge hoard of 20,402 coins was found at Głogów, Silesia. The presented sample of 210 pieces contained 21 types of the Polish denari struck in the 12th and 13th centuries. (Andrzej Mikołajczyk)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 4, 5, 6, 7, 8, 9, 15, 19, 20, 21, 22, 23, 24, 26, 29, 32, 42.

Technology and Methodology, Nos. 43, 51, 56, 62.

Greek, Nos. 65, 71.

Roman, Nos. 128, 223.

Near and Middle East, Nos. 254, 289.

Far East, No. 394.

Great Britain and Ireland, Nos. 429, 452.

Eastern Europe and the Balkans, No. 621.

Medals and Decorations, Nos. 678, 680, 681, 691, 692, 693, 694, 695, 698, 699, 700, 701, 702, 703, 704, 713, 717, 718, 719, 720, 722, 723, 724, 728, 732, 734, 735, 736, 739, 742, 743, 747, 749, 750, 752, 753.

Primitive Money, No. 756.

Paper Money, Nos. 765, 768, 770, 771, 772, 773, 777, 782, 786.

Tokens and Jetons, Nos. 793, 794, 800, 803, 807, 808.

EASTERN EUROPE AND THE BALKANS

621 BUZA, JÁNOS. Ungerlein 1678. A magyar denár kitiltása Nürnberg pénzforgalmából [Ungerlein 1678. The Expulsion of the Hungarian Denar from the Circulation of Money in Nuremberg]. *Századok* No. 4 (1988) pp. 664-673.

The author publishes a decree of 1678 in which the Hungarian denar is restricted from the circulation of money in Nuremberg, because some people were using it instead of the kreuzer. (István Gedai)

622 CIOFU, VALERIAN L. The famous 1 thaler Romanian gold medal-coin of the 1616-1626 period. *RBN* Vol. 135 (1989) pp. 59-68.

The author discusses the so-called Nicoara's golden Romanian thaler, a hand-engraved medal by an anonymous 17th century Romanian artist. On the obverse St. Nicholas, Jesus Christ and the Holy Virgin are depicted. (Johan van Heesch)

623 CUSTUREA, GABRIEL. Date noi privind circulația monetară în Dobrogea medievală [New Data Regarding Monetary Circulation in Medieval Dobroudja]. *Pontica* Vol. 20 (1987) pp. 237-254 illus. French summary.

In the collection of the History Museum from Constanța there are 168 medieval coins from Central Europe. The author presents a view on the main coin issues that circulated in Dobroudja between the 6th and 18th centuries. Predominant in the 18th century were the Turkish and the Austrian coins. (Constantin Preda)

624 FRESE, INGE and KOLLNIG, KARL. *Münzen und Medaillen des*

Johanniterordens auf Malta. (Heidelberg, Heidelberger Verlagsanstalt 1990) 96 pp. illus. ISBN 3-89426-024.

The book gives a brief history of the Order of St. John since its foundation in the Holy Land during the Crusades. From 1530 until 1798 the knights ruled on the isle of Malta. During this long time the Grand Masters of the order issued a great number of excellent coins and a much smaller number of medallions. The two authors present and describe an exemplary selection of the coins and medals. (Author)

625 KIERSNOWSKI, RYSZARD. Godła jagiellońskie [Jagiellonian Emblems]. *WN* Vol. 32 (1988, publ. 1990) pp. 1-28 illus. English summary.

The columns as the Jagiellonian emblem of Great Duchy of Lithuania seem to derive from the property signs of the Mongols. They appeared on the early 15th century coins. The chase (in the form of an armed rider) is known from the 14th century seals and coins, having originates in pagan times. The chase became the state emblem; the dynastic emblem was a double cross appearing on Lithuanian and Polish coins at the end of the 14th century. (Andrzej Mikołajczyk)

626 LEÁNYFALUSI, KÁROLY. Pénzrendeletek, kibocsátványok, hirdetmények, kimutatások 1850-1892, 1903. II. rész. [Monetary Decrees, Issues, Notices and Statements Between 1850-1892, 1903. Part II.] *AzÉrem* No. 1 (1990) pp. 41-48.

The author publishes decrees connected with the Hungarian coinage. (István Gedai)

627 NEAGU, M. and VLADILA, P. Aspecte ale circulației monetare la Dunărea de jos în sec. XVI-XVII în lumina cercetării tezaurelor de la Piua Pîtrii-Orașul de Floci [Aspects of Monetary Circulation on the Lower Danube in the 16th-17th Centuries With Regard to the Piua Petrii (Orașul de Floci) Hoards Research]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 179-183 illus. French summary.

In 1961-1962 two coin hoards of the 16th-17th centuries were discovered in the medieval center of Orașul de Floci (now Giurgeni, Ialomița County, Walachia). Many of them are Polish coins of Sigismund III and the others are issues from Lithuania, Riga, Transylvania, Prussia, Spain, Campen, Hungary, etc. Numismatic and historical considerations on both hoards are given. (Constantin Preda)

628 NUYTTENS, M. Een kroon van 1766 met gewijzigd jaartal [A Crown of 1766 with Altered Dates]. *JEGMP* (1989) pp. 211-212 illus.

A silver crown of Maria Theresa struck in Brussels in 1766 appears to have been made with an altered die used earlier in 1765. (Johan van Heesch)

629 PAPASIMA, TUDOR. Monede medievale românești din colecția Muzeului județean Călărași [Romanian Medieval Coins from the Collection of the Călărași County Museum]. *Cultură și civilizație la Dunărea de jos* (Călărași, 1987) pp. 175-178 illus. French summary.

In the Museum of Călărași (Walachia) there are four silver coin issues of the Romanian prince Mircea cel Bătrîn (1386-1418) and one of prince Petru Mușat (1374-1391). The first four coins were discovered in Niculișel (Dobroudja) and the coin from Petru Mușat near the port of Călărași. (Constantin Preda)

630 PELDA-DUCMANE, KRISTINE. Die Entwicklung der Numismatik in Lettland. *HBN* Vols. 33/35 (1979/81, publ. 1989) pp. 195-204.

The history of coin collecting, hoards and numismatics in Latvia is surveyed. (Peter Ilisch)

631 SOÓS, FERENC. Lotharingiai Ferenc tallérjainak cimerei [The Arms of Francis of Lorraine's Thalers]. *AzÉrem* No. 1 (1990) pp. 13-16.

According to the author, the thalers of Francis of Lorraine depict arms from Hungary, Naples, Jerusalem, Aragon, New Burgundy, Geldern, Jülich and Bar. (István Gedai)

632 STAATSBANK DER DDR. *Die Banknoten und Münzen der Deutschen Demokratischen Republik.* (Berlin, Transpress 1989) 228 pp. illus. ISBN 3-344-00426-3.

A comprehensive catalogue of German issues from the Third Reich in 1923/4 (coins and notes) through the issues of the DDR to late 1989. (Joseph E. Boling)

633 SZÉKELY, ZOLTAN. Necropola medievală de la Peteni, com. Zăbala, jud. Covasna [The Medieval Necropolis from Peteni, Zăbala Village, Covasna County]. *SCIŪA* Vol. 41 No. 1 (1990) pp. 87-109 illus. German summary.

In the early medieval necropolis from Peteni (Transylvania) 22 Hungarian coins from the second half of the 12th century were discovered. They are issues from Geza II, Stefan III and Bela III. (Constantin Preda)

634 UKOS, IMRE. The World's Biggest Inflation. *IBNS* Vol. 29 No. 2 (July 1990) pp. 16-17 illus.

The Hungarian hyperinflation is discussed. The currency progressed from pengo when the war ended through milpengo and bilpengo to adopengo and finally to forint in mid-1946. The forint was worth 4.2×10^{23} pengo. (Joseph E. Boling)

635 WASILEWSKI, TADEUSZ. Chrystus Pantokrator na pieczęciach i monetach Włodzimierza i jego nastpców. Bizantyńskie i bułgarskie wzorce [Christ Pantocrator on Seals and Coins of Vladimir I and his Successors. Byzantine and Bulgarian patterns]. *WN* Vol. 32 (1988, publ. 1990) pp. 159-168 illus. English summary.

The Kiev Russian rulers Vladimir I and his successors adopted the Byzantine image of Christ Pantocrator (reserved for the emperor autocrator) for their coins and seals in the 11th-14th centuries. (Andrzej Mikołajczyk)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

General, Nos. 18, 22, 30, 33, 42.
 Near and Middle East, Nos. 254, 290.
 Far East, No. 378.
 Western and Central Europe, No. 593.
 Medals and Decorations, No. 737.
 Primitive Money, No. 756.
 Paper Money, Nos. 776, 780.
 Tokens and Jetons, Nos. 817, 818.

UNITED STATES OF AMERICA

636 BOWERS, Q. DAVID. Collecting United States Gold Coins: A Numismatic History. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 83-100. ISBN 0-89722-238-5.

The collecting of United States gold coins is traced from its beginning in the 19th century to the present. During the first part of the 19th century the Mint Cabinet, a collection maintained at the Philadelphia Mint was the foremost repository for rare specimens. During the second part of the 19th century, collecting of gold issues by private individuals was mainly limited to lower denominations from \$1 through \$3; it was not until the 20th century that collecting of \$5 through \$20 pieces became popular. However, proofs of all denominations were collected in a limited way from the late 1850s onward. The author traces the formation of important collections, changes in acquisition philosophies, and other topics germane to the subject. (*Author*)

637 BRAIG, GENE. Reverse Die State Progression of the 1804 G-8, C-6, B-6 Spiked Chin Half Cent. *PW* Vol. 24 No. 3 (15 May 1990) pp. 126-137 illus.

638 BREEN, WALTER H. Metallic Panaceas: Gold Bugs, Silver Crusaders, and the Wizard of Oz. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No 6 (New York, The American Numismatic Society 1990) pp. 33-54 illus. ISBN 0-89722-238-5.

The author discusses U.S. coinage standards through the end of the 19th century in light of contemporary monetary theories and political realities. An interesting aside is the analysis of Baum's *Wonderful Wizard of Oz* as political allegory depicting the opposing gold and silver standard advocates.

639 DOTY, RICHARD G. "An onerous and delicate task": Franklin Peale's Mission South, 1837. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 67-82 illus. ISBN 0-89722-238-5.

Working with papers in the National Archives, the author traces the earliest days of the Charlotte, NC, and Dahlonaga, GA, branches of the United States Mint. Problems in setting up the branches in those two places led to the sending of a special trouble shooter from the Philadelphia Mint, the future Chief Coiner Franklin Peale.

(Author)

640 FISHER, JACK H. Carmi Thompson: The Man and His Money. *Num* Vol. 103 No. 6 (June, 1990) pp. 922-925 illus.

Carmi A. Thompson was Treasurer of the United States for less than five months in 1912-1913. His signature on 1899 series silver certificates and series 1907 legal tender notes is elusive. The article outlines Thompson's private and civil careers. (Michael Hodder)

641 GILLILLAND, CORY. U.S. Gold Bullion Coins: A Nineteenth-Century Proposal. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 17-32 illus. ISBN 0-89722-238-5.

In carrying out the specifics of the California Mint Act of 1852, U.S. Mint Director George N. Eckert stated that he intended to recommend the issue of large disks of uniform weight and fineness. He asked Mint Engraver James B. Longacre to prepare drawings for such a bullion issue. Longacre's drawings which are in the National Numismatic Collection, Smithsonian Institution, are illustrated and discussed in light of their historical background.

(Author)

642 HAYES, JAMES A. The Politics of Coinage as Illustrated by Recent Commemorative Issues. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 101-110 illus. ISBN 0-89722-238-5.

The author, a Member of Congress, details the political process that led to adoption of the law authorizing the U.S. Congressional Commemorative coins of 1989. Despite the design compromises necessitated by political considerations, the coins stand as artistic achievements.

643 HERBERT, ALAN. Experts Agree 1941 Brass Cent Genuine. *NN* Vol. 39 No. 29 (17 July 1990) p. 4 illus.

A genuine 1941 cent, struck on a 70 percent copper/30 percent zinc planchet, is described. A likely source for the planchet stock was the Peruvian coinage struck at the Philadelphia Mint in late 1941. The specimen weighs slightly more than 52 grains, compared to the 48.0 grain weight of the regular issue 1941 cent. A second example, also weighing 52 grains, exists but has not yet been authenticated.

(Michael Hodder)

644 HODDER, MICHAEL J. New Jersey Reverse J: a Biennial Die. *A/N* Vol. 1 (1989) pp. 195-237 illus.

A numismatic and metrological study of the ten obverse die marriages with reverse

J, applying methodologies common to other numismatic fields, establishes that the J family of dies were all backdated. Some marriages were struck in 1787, others during the period 1788-1790. The obverse dates on New Jersey's copper coinage are not reliable indicators of the calendar year of striking. (Author)

645 HOSKINS, CHARLES R. In Search of the Imperfect Coin: A Cautionary Tale. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 55-65 illus. ISBN 0-89722-238-5.

Drawing on two decades' experience as a numismatic authenticator, the author offers comparative illustrations of genuine and counterfeit United States gold coins and discusses the technical distinctions between them which make authentication possible. (Author)

646 JONES, ELIZABETH. Reflections on the Gold Coinage of the Twentieth Century. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 111-132 illus. ISBN 0-89722-238-5.

The artistic majesty of the Augustus Saint-Gaudens coinage of the early 20th century is discussed in light of his personal relationship with President Theodore Roosevelt, who inspired the complete redesign of U.S. coinage. Contrasted to this are other episodes in U.S. coinage history, particularly that of recent commemorative issues, where the convergence of political and artistic interests has produced markedly different results.

647 JULIAN, ROBERT W. Fire, Sledge Destory 1879 Goloid Pattern Dies. *CW* Vol. 31 No. 1576 (27 June 1990) pp. 40, 46, 48 illus.

The author publishes here the third and final part of the series concerning the goloid patterns of 1879. (Michael Hodder)

648 JULIAN, ROBERT W. Politics Change Attitude in U.S. Treasury? *CW* Vol. 31 No. 1574 (13 June 1990) pp. 28, 36, 38 illus.

The author presents the second part in the series describing the politics and numismatics, of the goloid patterns struck at the United States Mint. (Michael Hodder)

649 JULIAN, ROBERT W. U.S. Mint Tries Mixture of Metals in 1878. *CW* Vol. 31 No. 1573 (6 June 1990) pp. 20, 30 illus.

This article is the first part in a series. In an attempt to regularize the circulation of gold and silver, Dr. William Wheeler Hubbell proposed a coinage of electrum alloy he called "goloid" metal. The Mint was receptive to his idea, and a series of goloid pattern coins was struck. (Michael Hodder)

650 KORVER, R. BRUCE. 'Tis Death to Counterfeit. *Num* Vol. 103 No.

6 (June, 1990) pp. 896-904, 996-1000, 1006-1007 illus.

The author argues that Virginia's lax application of the death penalty for counterfeiting encouraged forgers to issue more counterfeits than would otherwise have been foisted upon the colonial population. With the adoption of the federal constitution in 1789, responsibility for currency passed out of colonial hands. The illustrations are of genuine notes.
(Michael Hodder)

651 MC CLOSKEY, JOHN W. A Study of Classic Half Eagles, 1834-1838. *America's Gold Coinage*. William E. Metcalf, Ed. Coinage of the Americas Conference, Proceedings No. 6 (New York, The American Numismatic Society 1990) pp. 1-16 illus. ISBN 0-89722-238-5.

This article describes the die characteristics of Classic gold half eagles and gives information on the identification of the 31 known die varieties for the five year series. Drawings of the different date styles are presented along with pictures for some of the varieties. Rarity ratings for some of the varieties are provided. Additional information on authentication for the rare branch mint issues of 1838 is also included.
(Author)

652 NEWMAN, ERIC P. Earliest Illustration of an Unknown 1804 U.S. Dollar. *Num Vol.* 101 No. 10 (October, 1990) pp. 1592-1596, 1657, 1660 illus.

An illustration of a U.S. 1804-dated dollar appeared in 1832 in Urosius Andreits' *Meunz-Journal als Stammbuch der Geschichte und Denkmahl des Neunzehnten Jahrhunderts*. Inaccuracies in design suggest that the illustration was fanciful, not based upon an actual specimen seen by Andreits.
(Michael Hodder)

653 OROSZ, JOEL J. Robert Gilmore Jr. and the Cradle Age of American Numismatics. *Num Vol.* 101 No. 5 (May, 1990) pp. 704-712, 819-822, 829-830 illus.

Robert Gilmore of Baltimore (1774-1848) was among the earliest American collectors, having begun acquiring coins as early as 1801. The author traces Gilmore's activity and offers suggestions about the contents of his collection (which is known to have included a Brasher doubloon) and its dispersal at auction ca. 1849, and later. A letter from Gilmore dated 14 April 1841 indicates that Adam Eckfeldt, Chief Coiner to the Philadelphia Mint, had made restrikes for Gilmore's collection, the earliest known reference to such activity.
(Michael Hodder)

654 PACKARD, MIKE. Results To Date of the Massachusetts Copper Survey. *PW Vol.* 24 No. 3 (15 May 1990) pp. 143-147.

Based upon a survey of 48 private and public collections, the author has gathered condition and population census data on all known Massachusetts coppers varieties and has suggested the first statistically based condition census for the coinage.
(Michael Hodder)

655 ROCK, JEFF. Numismatic Literature for Pioneer and Territorial Gold. *Brabul Vol.* 3 Nos. 1-2, pp. 39-46.

The second and final part of an annotated bibliography of the major works on private and territorial coins and coiners.
(*Michael Hodder*)

656 TRUDGEN, GARY A. John Bailey: New York City Coiner. *ColN* Vol. 30 No. 2 (July, 1990) pp. 1153-1185 illus.

The first published biography of John Bailey (1736-1815), New York City cutler, swordsmith, brass and coppersmith, bellfounder, is presented. Bailey is best-known, publicly, as the maker of George Washington's service sword. An affidavit recorded by Crosby, since lost, suggests that Bailey was also connected in some as yet unknown capacity with the coinage of New Jersey coppers. His partnership with Ephraim Brasher further suggests a role for him in the making of the dies for the Brasher doubloon and other New York issues. The author outlines Bailey's career in New York, appends a listing of the swords and bells credited to Bailey, notes his recorded land conveyances in New York County, along with other material of a biographical nature. A full list of sources is provided.

(*Michael Hodder*)

For additional references to the numismatics of the United States, see the following abstracts:

Medals and Decorations, Nos. 684, 685, 689, 696, 711, 712, 715, 725, 729, 738.

Paper Money, No. 780.

Tokens and Jetons, No. 792.

CANADA

657 ESLER, GRAHAM. Bank of Canada Issues 1969-1989. *TCNRS* (Fall, 1989) pp. 65-73.

A listing of all combinations of signatures and serial numbers on Canadian bank notes from 1969 to 1989 is given.
(*Michael Hodder*)

658 GRAHAM, R.J. The Straits Settlements Coin Nuisance. *TCNRS* (Summer, 1990) p. 46.

A brief account of the illegal circulation of Straits Settlements silver coins in western Canada in the early 20th century is given.
(*Michael Hodder*)

659 GRAHAM, R.J. Western Canada Disdained Cents. *TCNRS* (Spring, 1990) p. 29.

A short note on the early economy of western Canada, showing that the cent was not a useful denomination there, is presented.
(*Michael Hodder*)

660 MOOGK, PETER N. A New Source on Circulating Currency in Eighteenth Century French America. *CNJ* Vol. 35 No. 9 (Oct. 1990) pp. 327-332 illus.

Coins found in controlled excavations at Fortress Louisbourg, Fort Beausejour,

Place Royale in Quebec City, Fort Michilimackinac, and Fort de Chartres suggest the nature of the dominant copper coinage medium in French Canada, but do not provide precise dating structures for the finds. The author's study of High Court of Admiralty record Series 30, letters intercepted from French vessels during the War of the Austrian Succession and the Seven Years War, reveals a hitherto unsuspected source for precise dating of some coins in circulation in France and the French West Indies, but with limited application to French Canada. The seals employed to close 26 dated letters were either coins or coin-like objects. *(Michael Hodder)*

661 Notes on the Scarcity of Change in Guelph (Ontario) in 1939. *TCNRS* (Spring, 1990) p. 31.

662 O'CONNOR, V.W. The Traders Bank of Canada 1885-1912. *IBNS* Vol. 29 No. 2 (July 1990) pp. 12-15 illus.

A history of the bank, up to its amalgamation with the Royal Bank of Canada in 1912, is presented, with reprints of two contemporary documents explaining the rationale for the merger. Essentially, the two banks' branch patterns did not overlap, and the merged bank was the third largest in the Dominion. *(Joseph E. Boling)*

663 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 5 (May 1990) pp. 182-189.

Part 8, covering the 25 cent piece 1870-date, is presented. Arranged by date, the listing describes the major varieties, mintages, design changes, and history of the denomination. *(Michael Hodder)*

664 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 6 (June 1990) pp. 214-219.

Part 9, describing the 50-cent piece 1870-date. Arranged by date, the author lists the major varieties, mintages, design types and designers. *(Michael Hodder)*

665 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 7 (July/Aug. 1990) pp. 242-249.

Part 10, describing the silver dollar issues 1935-date, is given. *(Michael Hodder)*

666 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 8 (Sept. 1990) pp. 288-291.

Part 11, describing Canada's gold coinage 1908-date, is published. *(Michael Hodder)*

667 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 9 (Oct. 1990) pp. 344-346.

Part 12 describes Canada's silver commemorative coins of 1971-1988. *(Michael Hodder)*

668 WILLEY, R.C. Notes on the Issuers of Canadian Colonial Coinages.

TCNRS (Winter 1989) pp. 110-118.

The author prints a short account of the many issuers of small change in Canada during colonial times. The article concerns the issuers with surnames A-C.

(Michael Hodder)

669 WILLEY, R.C. Notes on the Issuers of Canadian Colonial Coinages. *TCNRS* (Summer 1989) pp. 56-59.

A short account of the many issuers of small change in Canada during colonial times is published. This section concerns issuers with surnames C-H. (Michael Hodder)

670 WILLEY, R.C. Notes on the Issuers of Canadian Colonial Coinages. *TCNRS* (Spring 1990) pp. 16-24.

The author gives a short account of the many issuers of small change in Canada during the colonial period. This part of the series concerns issuers with surnames H-Z. (Michael Hodder)

For additional references to the numismatics of Canada, see the following abstracts:

Far East, No. 394.

Medals and Decorations, Nos. 679, 682, 707, 709, 710, 714, 741, 760.

Paper Money, Nos. 764, 784.

Tokens and Jetons, Nos. 796, 802.

MEXICO, CENTRAL AND SOUTH AMERICA

671 DARGENT CHAMOT, E. Oficiales y operarios de la ceca de Lima. *GacNum* Vol. 96 (1990) pp. 19-36.

672 FLATT, H.P. The Troubled History of the La Paz Mint. *Num* Vol. 103 No. 9 (Sept., 1990) pp. 1434-1437, 1509-1511, 1520-1522 illus.

A detailed history of the short-lived La Paz Mint, which operated under difficulties from 1853-1859, is given. This mint was at its most active between 1854 and 1856. The author lists by date and denomination the coins known to have been struck at La Paz and notes major varieties. A useful working bibliography is included.

(Michael Hodder)

673 GIL FARRES, D. La moneda y el circulante español en las Indias Occidentales entre 1492 y 1540. *Proceedings of the 10th International Numismatics Congress. London, September 1986.* (London, IAPN, 1989) pp. 547-552.

674 NEWMAN, E.G.V. Spanish Colonial gold bars (ingots) from the Mexico Mint. *NCirc* Vol. 98 No. 2 (March 1990) p. 51 illus.

The author examines and analyses in detail a bar dated 1744 and condemns it as a forgery. (Edward Besly)

675 PROBER, KURT. *Ouro em Pb e em Barras Meio Circulante No Brasil, 1754-1833*. 2 Vols. (Rio de Janiero, The Author 1990) 750 pp. illus.

Volume I contains the full history of all Brazilian gold foundries that cast gold bars. Discussions also concern forgeries and all technical descriptions. Volume II contains 290 double-sided index cards which describe in complete detail all known bars. (Author)

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:

Medals and Decorations, Nos. 688, 697, 740, 786.

Tokens and Jetons, Nos. 790, 813.

OCEANIA

676 LAUTZ, THOMAS. *Zinngeld aus Malaysia*. GN Vol. 25 No. 135 (1990) pp. 21-26 illus.

677 TAN, STEVEN. *Standard Catalog of Malaysia-Singapore-Brunei Coins & Paper Money (1786-1989)*. 9th edition. (Kuala Lumpur, International Stamp & Coin Sdn. Bhd. 1990) 184 pp. illus. ISSN 0126-9682.

In addition to the issues named in the title (which include the Straits Settlements and Malaya), the following are included: tokens and notes of British North Borneo; tokens of Penang and Singapore; coins and notes of Sarawak; Japanese occupation notes of Burma, the Netherlands East Indies, Oceania, and the Philippines; formic acid and rubber export coupons of the region; and war bonds of the Federated Malay States. (Joseph E. Boling)

For additional references to the numismatics of Oceania, see the following abstracts:

Medals and Decorations, No. 729.

Paper Money, Nos. 778, 779, 781.

MEDALS AND DECORATIONS

678 AUST, HORST. GLIVITIUM a.U.66. *GN* Vol. 25 No. 130 (1990) pp. 209-213.

Following a survey of the history of the Schlaraffia, a humor association, and its affiliations in Silesia, badges from Gleiwitz, Waldburg, Bielitz and Kattowitz from the '20s and '30s of our century are published. (Peter Ilisch)

679 BELL, G.C. Medals to Maritimers. *TCNRS* (Spring, 1989) pp. 21-22.

The author publishes a list of the recipients of the Governor-General's Medal in the Maritime Provinces during Governor-General the Earl of Dufferin's term. (Michael Hodder)

680 BLANSAER, R. Numismatische relictæ van de Centrale der Belgische metaalbewerkeren [Numismatics objects from the Union of Belgian metalworkers]. *JEGMP* (1989) pp. 35-74 illus.

A catalogue of medals and tokens concerning the Union of Belgian metalworkers is given. (Johan van Heesch)

681 BODDINGTON, JACK. Messina Earthquake 1908. American and other non-British Recipients of the Italian Commemorative Medal. *MC* Vol. 41 No. 5 (May 1990) pp. 4-18.

Listings of eligible crew members and others eligible to receive the medal under Victor Emmanuel III's general order of 4 January 1909 are given. (George S. Cuhaj)

682 BODDINGTON, JACK. *Pro Fide, Pro Utilitate Hominum*. (Military Collectors' Club of Canada, The Editor, n.d.) 56 pp. illus.

The author discusses the centennial medallion created for the 100th anniversary of St. John in Canada in 1983. Grades and insignia of the Order from the Serving Brother and Sister to the Bailiff Grand Cross are covered. Listings of all members of the Order at the time of the 1983 centennial year are given. (Author)

683 BODDINGTON, JACK (Captain). The Henry Dunant Medal of the League of Red Cross and Red Crescent Societies. *MC* Vol. 41 Nos. 8-9 (Aug.-Sept. 1990) pp. 14-16 illus.

Awarded since 1969 this outstanding service medal of the International Red Cross is discussed. (George S. Cuhaj)

684 BODDINGTON, JACK (Captain). The Society of American Military Engineers and its Medals. *MC* Vol. 41 No. 7 (July 1990) pp. 20-28.

Eighteen medals of the organization are researched. *(George S. Cuhaj)*

685 BODDINGTON, JACK. The Vail Medal (Ma Bell System Committee—American Telephone & Telegraph). *MC* Vol. 41 No. 3 (March 1990) pp. 31-34.

This medal for meritorious service is discussed. *(George S. Cuhaj)*

686 BRUHN, DIETER. Horst Walther - Graveur und Medailleur in Eisenach. *NumBeitr* Vol. 23 No. 1 (1990) pp. 23-26.

The author describes the medallist Horst Walther and provides a catalogue of his work. *(Paul Arnold)*

687 CABRAL, DAVID L. Some North Korean Merit Medals. *MC* Vol. 41 Nos. 8-9 (Aug.-Sept. 1990) pp. 29-34 illus.

The author notes the variations. *(George S. Cuhaj)*

688 CANCIO, L. La toma de La Habana por los ingleses en la medalla. *GacNum* Vol. 96 (1990) pp. 41-48.

689 CANNON, BRIAN G. Development of the U.S. Navy Good Conduct Medal. *MC* Vol. 41 No. 7 (July 1990) pp. 7-12.

The long and complex history of this medal, begun in 1870, is unraveled. *(George S. Cuhaj)*

690 CANO, M. La medalla Papal en el Museo de la Casa de la Moneda. *Numisma* Nos. 192-203 (1985-1986) pp. 83-121.

691 CASAS I PLA, J. Segone reunió de medallistes: Medalles catalanes 1892-1893. *ActaNum* No. 17-18 (1990) pp. 307-316.

692 CRUSAFONT I SABATER, M. Monedes-Medalles de proclamació de Mallorca. Dades inèdites 1747, 1759, 1789. *ActaNum* No. 17-18 (1990) pp. 269-294.

The author documents the proclamation medals. *(Leandre Villaronga)*

693 DESPRETZ, ANDRE. Omtrent Gentse e andere hondepenningen, een kynosematologische bijdrage [About dog-license badges of Ghent and other places, a 'kynosematological' contribution]. *JEGMP* (1988) pp. 37-92 illus.

The author presents a detailed catalogue of dog license badges and other badges concerning dogs, issued by Belgian communities (especially Ghent), the Provinces, the State and some private societies. *(Johan van Heesch)*

694 DETHLEFS, GERD. "Christina Repertrix." Eine Medaille von Sebastian Dadler auf Königin Christina von Schweden. *Festschrift für Peter Berghaus zum 70. Geburtstag*. (Münster, Antje Sander, Kettelerstr. 52, D-4400 Münster, 1989) pp. 47-54 illus.

A medal struck in silver and bronze showing the Swedish Queen Christina as Pallas Athena and repertrix, a reference to the Münster peace treaty of 1648, is analyzed technically. It can be shown that the dies were cut by Sebastian Dadler following precise instructions received from the Swedish court, but that the striking was probably done in the Stockholm mint. A print of Jeremias Falck is proposed as model for the portrait. *(Peter Ilisch)*

695 ERPENBECK, DIRK. Eine Stadtmedaille aus Narva in Estland. *GN* Vol. 24 No. 134 (1989) pp. 309-310 illus.

A medal of the Narva musical club 'Die Harmonie' 1906 is described. *(Peter Ilisch)*

696 FANNING, PAUL C. Leadership Training Awards of the Boy Scouts of America, 1928-Date. *MC* Vol. 41 No. 10 (Oct. 1990) pp. 18-26 illus.

Adult training medals are noted. *(George S. Cuhaj)*

697 FISCHER, E.J. The Jamaican Civil Service Award for Long Service. *MC* Vol. 41 No. 1 (Jan. 1990) pp. 27-30 illus.

Instituted in 1985, this new medal is discussed. *(George S. Cuhaj)*

698 FORASTÉ, M. Les primeres medalles de Montserrat. *ActaNum* No. 17-18 (1990) pp. 299-305.

699 FÖRSCHNER, GISELA. Frankfurter Medaillen und Plaketten aus der 1. Hälfte unseres Jahrhunderts. I. Der Bildhauer Friedrich Hausmann geboren 23. Juni 1860 in Wien, gestorben 23. Oktober 1936 in Bad Soden. *GN* Vol. 25 No. 136 (1990) pp. 74-77 illus.

The life and work of the artist F. Hausmann are surveyed. Between 1903 and 1909 Hausmann produced several medals and plaquettes. *(Peter Ilisch)*

700 FÖRSCHNER, GISELA. Frankfurter Medaillen und Plaketten aus der 1. Hälfte unseres Jahrhunderts. II. Der Bildhauer und Medailleur Heinrich Kautsch geboren 21. Januar 1859 in Prag, gestorben 29. September 1943 in Wien. *GN* Vol. 25 No. 137 (1990) pp. 122-125 illus.

Four plaquettes depicting citizens of Frankfurt show the stylistic development of Heinrich Kautsch between 1900 and 1910 from naturalism to Jugendstil. *(Peter Ilisch)*

701 FÖRSCHNER, GISELA. Frankfurter Medaillen und Plaketten aus der 1. Hälfte unseres Jahrhunderts. III. Paul Seiler-Bildhauer, Ziseleur und Modelleur geboren 11. Juni 1873 in Neustadt/Schwarzwald, gestorben 9. Juni

1934 in Frankfurt am Main. *GN* Vol. 25 No. 138 (1990) pp. 214-221 illus.

Fifteen medals and plaquettes of Paul Seiler, made between 1902 and 1912, are described. *(Peter Ilisch)*

702 FÖRSCHNER, GISELA. Frankfurter Medaillen und Plaketten aus der 1. Hälfte unseres Jahrhunderts. IV. Carl Stock - Bildhauer und Medailleur. Geboren 10. März 1876 in Kesselstadt bei Hanau, gestorben 5. April 1945 in Frankfurt am Main. *GN* Vol. 25 No. 140 (1990) pp. 342-349.

703 GALLAMINI, PAOLA. La medaglia devozionale cristiana: secoli XVII, XVIII, XIX (parte II, secolo XVIII). *Medaglia* Vol. 18 (1990) pp. 60-124 illus.

The second contribution by the author is dedicated to devotional medals, particularly concentrating on the technical/artistic and typological perspectives reflected on pieces struck during the course of the 18th century. Based on chronological benchmarks such as the issues of the jubilee years (the only certain dates) and the manifested technical evolution, the author attempts to date the other issues, which lack references to both the year and the reason of mintage. The author concludes with a thematic analysis of the principal subjects, divided into groups (supernatural images, the Archangel Michael, the Virgin, the religious orders, etc.). *(Andrea Carignani)*

704 GIMENO, J. La crisis de la medalla española 1840-1860. *Proceedings of the 10th International Numismatics Congress. London, September, 1986.* (London, IAPN, 1989) pp. 647-658.

705 GOSZTONYI, JÓZSEF. Boldogfai Farkas Sándor éremművészete [The Medal Art of Sándor Boldogfai Farkas]. *AzÉrem* No. 1 (1990) pp. 29-40.

The author discusses 105 medals by Sándor Boldogfai Farkas (1907-1970). *(István Gedai)*

706 GUGLIELMINI, LUIGI. La diga di Tarbela. *Medaglia* Vol. 18 (1990) pp. 125-132 illus.

In the article the author publishes a 1983 medal by Luigi Teruggi struck to commemorate the construction of the breakwater of Tarbela on the Indus (Pakistan). *(Andrea Carignani)*

707 HILL, LESLIE C. Pressed Metal Products, Vancouver. *TCNRS* (Summer, 1989) pp. 40-42.

A history of a prolific Vancouver firm of medallists and die-sinkers, still in operation, is given. *(Michael Hodder)*

708 HOLESOVSKY, KAREL. Ritratti di Jiri Harcuba in medaglie e vetri. *Medaglia* Vol. 18 (1990) pp. 133-137 illus.

A biographic profile and appraisal of the Czech artist Jiri Hrcuba (born 1928), creator of numerous portraits engraved on medals and etched in glass. (*Andrea Carignani*)

709 HOUSTON, ARTHUR H. British and Canadian Medals, Badges and Related Memorabilia of the War of 1812. *MC* Vol. 41 Nos. 8-9 (Aug.-Sept. 1990) pp. 4-11 illus.

710 HOUSTON, A.H. Two New Canadian Provincial Orders. *MC* Vol. 41 No. 4 (April 1990) pp. 7-10.

L'Ordre National du Québec and the Order of Ontario are noted. (*George S. Cuhaj*)

711 HUGHES, WILLIAM C. TENNESSEE. Southern Cross of the Legion of Honor 'AKA' Southern Cross of Honor. *MC* Vol. 41 No. 5 (May 1990) pp. 39-41.

The small bronze Confederate veteran medal and varieties are discussed. (*George S. Cuhaj*)

712 HULSE, GRANVYL G. JR. Bunker Hill: For Wounds Received. *Num* Vol. 103 No. 8 (Aug., 1990) pp. 1227-1230 illus.

The author describes and illustrates a silver medal (Betts-538) inscribed "By Order of the King with 300 Pound for the Wound Capt. Ewing Recvd the 17 of June 1777"—the date is that of the unsuccessful storming of Bunker Hill (Breed's Hill). Captain Ewing's military career 1773-1782 is detailed. (*Michael Hodder*)

713 ILISCH, PETER. Devotionalienfunde vom Horsteberg in Münster. *Ausgrabungen und Funde in Westfalen-Lippe*. Vol. 6A (Mainz, Verlag Philipp von Zabern, 1988) pp. 367-371 illus.

Three bronze pilgrimage badges produced in bracteate technique and dating ca. 1500 were found in excavations in Münster. Two badges can be attributed to St. Antony in Wesel and St. Jodocus in Brackwede; a third shows St. Mary or Anna. Furthermore a cast oval lead medallion with the arms of Christ and St. Mary was also found. (*Author*)

714 IRWIN, ROSS W. From the Public Accounts of Canada. *TCNRS* (Winter, 1989) pp. 109-111.

Excerpts from government records regarding dealings between the central government and various medallists from 1875 to 1939 are printed. (*Michael Hodder*)

715 IRWIN, ROSS W. The Military General Service Medal. *TCNRS* (Fall, 1990) pp. 84-85.

The author publishes a listing of the veterans of the War of 1812, recipients of the Military General Service Medal, eligible for the pension first awarded by the government in 1875. (*Michael Hodder*)

716 JACQUIOT, JOSEPH. Virgile dans les dévise de médailles et de jetons de la Renaissance au XVIIIe siècle. *RBN* Vol. 135 (1989) pp. 97-109 illus.

717 JOHNSON, MARIANGELA. Artisti e medaglie: la recente produzione Johnson. *Medaglia* Vol. 18 (1990) pp. 138-164 illus.

The studio activities of the Johnson medallists of Milan in their most recent production are discussed: included are medals engraved by F. Bodini, A. Pomodoro, E. Greco and L. Teruggi. (Andrea Carignani)

718 JONES, MARK. *A Catalogue of the French Medals in the British Museum. Volume Two: 1600-1672.* (London, 1988) 335 pp. illus.

This volume catalogues the British Museum's holdings of French medals from 1600 to 1672. It covers the work of Guillaume Dupré, Jean Warin and other medallists of the period and discusses the meaning and historical context of such medals. An appendix sets out the metallic composition of the copper alloys used. (Author)

719 KAIPAINEN, LASSI. Suojeluskuntajärjestön merkit 1921-1944 [The Badges and Decorations of the Finnish Civil Guard]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 4 (1990) pp. 120-132 illus.

720 KANN, HANS-JOACHIM. Kölner Wallfahrtszeichen des 18. Jahrhunderts aus Trierer Privatsammlungen. *Kölner Domblatt. Jahrbuch des Zentral-Dombau-Vereins* Vol. 54 (1989) (Cologne, Verlag J.P. Bachem) pp. 89-96 illus. ISSN 450-6413.

Eight medals from the Cologne pilgrimage found in Trier and not listed in Weiller's catalogue are published. (Peter Ilisch)

721 KANTOR, JEAN PIERRE. The Commemorative Medal from the Arabian Campaign 1892-1894. *MC* Vol. 41 No. 7 (July 1990) pp. 39-42.

This award from Leopold II, sovereign of the independent state of the Congo, is noted. (George S. Cuhaj)

722 LINK, EBERHARD. Rückerobierung und Entsatz sind "zweierlei Ding." Die Medaillen auf die Rückerobierung von Mainz 1793. *GN* Vol. 25 No. 137 (1990) pp. 118-121 illus.

723 MALMBERG, MATTI. *Sylloge Nomismatum Academicorum. Helsingin yliopistoon liittyvät henkilömitalit* [Portrait Medals Connected with the University of Helsinki]. (Helsinki, Yliopistopaino, 1990) 40 pp. illus.

A catalogue comprising 191 persons and 246 medals is published in connection with the 350th anniversary of the University. (Tuukka Tälviö)

724 MAURI MORI, GIUSEPPE. Le medaglie per Alfonso d'Aragona: continuazione e fine. *BollCircNumNapoletano* Vols. 68-71 (1983-1986) pp. 15-32 illus.

The author presents the medals struck in honor of Alfonso of Aragon (1494-95), king of Naples, including a brief biographical outline in an appendix. The volume encompasses the projects never realized from Pisanello to Paolo da Ragusa (1451-1452) of the Naples school to the work of Cristoforo of Geremia. (Andrea Carignani)

725 MC DOWELL, CHARLES P. The Air Mail Flyer's Medal of Honor. *MC* Vol. 41 No. 3 (March 1990) pp. 11-14 illus.

Awarded between 1931 and 1970 this congressionally-authorized medal is discussed. (George S. Cuhaj)

726 MC GREGOR, GORDON. Namibia's Unique Medal. *MC* Vol. 41 No. 6 (June 1990) pp. 42-43.

The 1909 Kalahari bar on the southwest African commemorative medal is discussed. (George S. Cuhaj)

727 MEYER, JACK ALLEN. South Carolina's Mexican War Medal. *MC* Vol. 41 Nos. 8-9 (Aug.-Sept. 1990) pp. 17-24 illus.

The silver Palmetto Regenet Medal is studied. (George S. Cuhaj)

728 MIKOŁAJCZYK, ANDRZEJ. Polskie medaliony religijne z Westfalii [Polish Religious Medallions from Westphalia]. *PracMat* No. 9 (1989, publ. 1990) pp. 215-217 illus.

The Roman Catholic medallions were made in Menden for the Polish religious congregations in the Westphalia and Ruhr industrial centers in the late 19th and early 20th centuries. 17 items from the collection of the Westfälisches Landesmuseum in Münster are presented. (Author)

729 MIRA, W.J.D. New Papal Visit Commemorative Medal. *ACR* No. 311 (May 1990) pp. 22-24.

The first visit to Australia by a Coptic Patriarch of Alexandria has been commemorated by the issuing of a medal in bronze, decorated with photographic prints protected by epoxy resin. (John Melville-Jones)

730 MOLNÁR, JÓZSEF. Gondolatok új kitüntetések születésének küszöbén [Ideas on the New Decorations at Hand]. *AzÉrem* No. 1 (1990) pp. 17-24.

The author deals with the decorations established between 1946-1956. The differences between the statutes and the facts are examined. (István Gedai)

731 MOORS, EDGARD and WAERZEGGERS, RENE. Het

numismatisch oeuvre van Paul Huybrechts (I) [The Numismatic Work of Paul Huybrechts (I)]. *JEGMP* (1989) pp. 149-210 illus.

A catalogue of the medals and badges of the Belgian artist Paul Huybrechts, born in 1951, is given. (Johan van Heesch)

732 NIVAILLE, JEAN. Une médaille allemande du XVII^e siècle aux multiples graveurs. *RBN* Vol. 135 (1989) pp. 111-122 illus.

German medals of the 17th century, engraved by S. Dadler, Ian Höhn, Jr., J. Buckheim, J. Bensheimer, J. Reteke, J.R. Engelhart and J. Kittel, are discussed. (Inge Heeren)

733 PAGAN, H.E. Presidential Address 1988. *BNJ* No. 58 (1988) pp. 177-189.

A lecture on the career of Thomas Simon, 17th century English engraver and medallist is published. (Edward Besly)

734 PETTERSSON, KURT. Suomen Talousseuran ansiomitali Kustaa IV Aadolfin aikana [The Medals of the Finnish Economic Society Under Gustavus IV Adolphus]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 4 (1990) pp. 110-112 illus.

735 PIALORSI, VINCENZO. Medaglie relative a personaggi, avvenimenti ed istituzioni di Brescia e provincia (parte II sec. XVII-XVIII). *Medaglia* Vol. 18 (1990) pp. 19-59 illus.

This article is the second part of a study dedicated to the medallic issues connected with the historical events and people of Brescia. The period in examination extends from the beginning of the 17th century through the Napoleonic age. In the 16th century famine and economic difficulties impeded a flourishing in medallic activity. In the succeeding century emerged the figure of the Brescia bishop Angelo M. Querini, who was depicted on numerous works. (Andrea Carignani)

736 RENNO, DIETER. Die Clemens-Winkler-Medaille der Chemischen Gesellschaft der DDR und ihre Träger. *Wissenschaftliches Symposium am 28. Dezember 1988 in Freiberg aus Anlass des 150. Geburtstages von Clemens Winkler*. (DDR, 1989) pp. 75-81.

The author is concerned with the awards of the DDR chemical company Clemens-Winkler. (Paul Arnold)

737 ROBINSON, DAVID. Dante dans la médaille. *RBN* Vol. 135 (1989) pp. 123-139 illus.

Medals representing Dante and made in the following countries are described: the Soviet Union, Czechoslovakia, Hungary, Poland, Bulgaria and Italy. (Johan van Heesch)

- 738 SALLAY, JOHN M.** The Hasty Pudding Club Medals. *Num* Vol. 103 No. 10 (Oct., 1990) pp. 1606-1614, 1684-1686, 1695-1696.

A survey of the medals struck for the Hasty Pudding Club, with notes on rarity, states of preservation and valuations, is given. (Michael Hodder)

- 739 SERNIA, FRANCESCO.** Le medaglie della Rivoluzione francese. *BollCircNumNapoletano* Vols. 68-71 (1983-1986) pp. 85-107 illus.

The vicissitudes of the French Revolution are surveyed by means of 20 medals depicting the events, personalities and the symbols which established the iconographic language of the period. (Andrea Carignani)

- 740 SERNIA, FRANCESCO.** Medaglie brasiliane per Teresa Cristina Maria di Borbone (1822-1889), principessa napoletana ed ultima imperatrice del Brasile. *BollCircNumNapoletano* Vols. 68-71 (1983-1986) pp. 109-115 illus.

The author publishes a series of medals of the Princess Teresa Maria Cristina of Borbon, wife of the emperor of Brazil Pedro II. Some of the examples celebrate the imperial weddings, while some record the portrait of the emperors, patrons of the arts. Some biographical outlines are furnished by Zephirin Ferrez, father of the Brazilian medallist, creator of one of the wedding pieces. (Andrea Carignani)

- 741 SHELL, E.V. and IRWIN, R.W.** Toronto School Attendance Medals. *TCNRS* (Fall, 1989) pp. 86-88.

The history of the medals awarded for regular school attendance in Toronto from 1889 to 1973 is published. (Michael Hodder)

- 742 SMOLDEREN, LUC.** La médaille du Comte René de Challant-Valengin. *RBN* Vol. 135 (1989) pp. 69-78 illus.

Two copies of a medal showing Count René de Challant-Valengin (16th century) are preserved. The author demonstrates that this medal is the work of Jacques Jonghelinck. (Johan van Heesch)

- 743 TALVIO, TUUKKA.** Patrick Bruun's Medal. *NCirc* Vol. 98 No. 5 (June 1990) p. 159 illus.

A medal issued by the Finnish Numismatic Society to honor Professor Patrick Bruun's 70th birthday is published. (Edward Besly)

- 744 TOUSSAINT, JACQUES.** Jules Jourdain (1873-1957): oeuvre en médailles. *RBN* Vol. 135 (1989) pp. 141-196 illus.

The life and the work of Jules Jourdain, a Belgian medallist, are discussed. 37 medals are described in detail. (Johan van Heesch)

- 745 XXII FIDEM 1990 Helsinki.** Exhibition catalogue. T. Talvio, Ed. (Helsinki, Guild of Medal Art in Finland, 1990) 216 pp. illus.

The 22nd congress of the International Federation for Medal Art was held in Helsinki in June 1990. The catalogue comprises ca. 1,250 medals from 28 countries.
(*Tuukka Tälviö*)

746 VILLIS, ALBERT. Der Münchener Medailleur Maximilian Dasio und seine Münzentwürfe. *Festschrift für Peter Berghaus zum 70. Geburtstag*. (Münster, Antje Sander, Kettelerstr. 52, D-4400 Münster, 1989) pp. 57-64 illus.

The patterns designed for coinage by the painter and medallist Dasio in 1927 and 1931 are discussed.
(*Peter Ilisch*)

747 VOLTOLINA, PIERO. Medaglie relative alle chiese della terraferma veneta e dei territori d'oltremare (parte I). *Medaglia* Vol. 18 (1990) pp. 7-18 illus.

In the first part of this study the author reviews the medals struck to record the building of each church located in the Veneto and in the territories of the Republic of Venice. In particular, the author examines the medals on which are figured the churches of S. Giustina at Padua (1515 and the beginning of the 17th century), of S. Simeone Profeta at Zara (1600) and of S. Eufemia at Rovigno (1756).
(*Andrea Carignani*)

748 VON KLEIST, CHRISTIAN-EWALD. Einige nepalesische Medaillen auf den Krieg zwischen Nepal und Tibet (1854 bis 1856). *Festschrift für Peter Berghaus zum 70. Geburtstag*. (Münster, Antje Sander, Kettelerstr. 52, D-4400 Münster, 1989) pp. 55-56 illus.

Military campaign medals in silver concerning the Nepalese-Tibetan war of 1854-56 are published.
(*Peter Ilisch*)

749 WAERZEGGERS, RENE. De Leuvense kentekens voor bedelaars [Badges for Beggars from Leuven]. *RBN* Vol. 135 (1989) pp. 79-95 illus.

The badges used by the beggars of Leuven are discussed in their historical context.
(*Johan van Heesch*)

750 WEILLER, RAYMOND. *Médailles attribuées aux roséristes Soupert & Notting*. (Luxembourg, Musée National d'Histoire et d'Art, 1990) 92 pp. illus.

The catalogue of 130 medals awarded from 1861 to 1933 to Messrs. Soupert & Notting, rose-growers in Luxembourg, is preceded by the history of that firm, including the list of 238 new varieties of roses created by its directors.
(*Author*)

751 WESTLAKE, WILLIAM R. The King's Royal Rifle Corps and the Wreck of the Royal Indian Marine Ship "Warren Hastings". *MC* Vol. 41 No. 10 (Oct. 1990) pp. 6-15.

752 WINKLER, E.F. German porcelain medaillions, 1938-1942. *YN* No. 1 (1988) pp. 71-80 illus.

This article describes the little known porcelain medallions issued in Munich during the Nazi period, giving details of all 24 medallions issued, illustrating 12 of them; translations are given for the German legends. (Author)

753 WITTER, JOHN P. The Finnish 1918 War of Liberation Commemorative Medal and Bars. *MC* Vol. 41 No. 1 (Jan. 1990) pp. 33-34 illus.

754 WOOLF, NOEL. *The Medallic Record of the Jacobite Movement*. (London, 1990) 168 pp. illus.

755 WOOLF, NOEL. *The Sovereign Remedy: Touch-Pieces and the King's Evil*. (British Association of Numismatic Societies, Doris Stockwell Memorial Papers No. 4, 1990) 64 pp. illus.

Three articles first published in *BNJ* are here republished in integrated form. Touch pieces (medallets associated with the ceremonial healing of scrofula) by Stuart kings and claimants from 1660 to 1807 are described and discussed. (Edward Besly)

For additional references to Medals and Decorations, see the following abstracts:

General, Nos. 15, 22.

Western and Central Europe, Nos. 466, 471, 487, 529, 532.

Eastern Europe and the Balkans, No. 624.

PRIMITIVE MONEY

756 VANDERLEYDEN, R. Primitief metaalgeld in Europa [Metal as Primitive Money in Europe]. *JEGMP* (1988) pp. 181-210.

A general survey of the use of metal as primitive money in Europe from prehistoric times until the 18th century is given. The author includes the Swedish and Russian plate money in his discussion. (Johan van Heesch)

PAPER MONEY

757 ANDHYARUJINA, ROINTON H. India's Elusive Fifty Rupee Bank Notes. *IBNS* Vol. 29 No. 3 (Sept. 1990) pp. 16-17 illus.

Three fifty-rupee notes are presented: Bank of Bombay, 15 April 1846; Government of India, 19 Sept. 1905; and Government of India, 1930s. The first two are extreme rarities. The author comments on the general scarcity of notes of 50-rupee denomination.
(Joseph E. Boling)

758 BANK OF ENGLAND. *The New £5 Note and George Stephenson*. (Loughton, Essex, Debdon Security Printing, Ltd. 1990) 32 pp. illus. ISBN 0-903314-80-0.

George Stephenson, the Darlington and Stockton Railway, and the locomotives "Locomotion" and "Rocket," all components of the design of the 1990 five-pound note, are presented, with details of their adaptation to banknote design.
(Joseph E. Boling)

759 BANK OF THAILAND. *Wiwattanakarn Thanabatr Thai* [Development of Thai Banknotes]. (Bangkok, The Author 1987) 240 pp. illus. In Thai.

Thai banknotes from their introduction to the present day are addressed, followed by a presentation of the development of the Thai state printing works. The work contains many historical photographs.
(Joseph E. Boling)

760 BARRETT, WILLIAM L.S. *Catalog of the Paper Money of Greenland*. IBNS Vol. 29 No. 2 (July 1990) pp. 4-8 illus.

A priced (as of 1986) and annotated listing of Greenland civil and military notes, heavily illustrated with rarities, is presented.
(Joseph E. Boling)

761 BEYER, E[RWIN]. *Chinesisches Papiergeld - Versuch Einer Beschreibenden Liste. VI - guangxi-gua*. (Grafenschaft, Germany, The Author 1990) 149 pp. illus.

The continuation of the series first listed in NL 124.
(Joseph E. Boling)

762 BEYER, E[RWIN]. *Chinesisches Papiergeld - Versuch Einer Beschreibenden Liste. VII - ha-hei*. (Grafenschaft, Germany, The Author 1990) 162 pp. illus.

763 CAMPBELL, LANCE K. *Vietnamese Prisoner-of-War Notes*. IBNS Vol. 29 No. 2 (July 1990) pp. 9-11 illus.

The so-called "POW camp" fantasies of the French period in Vietnam (produced in France in the 1950s) are presented, along with a short mention of some POW camp overprints from the 1960s. The legitimacy of the latter pieces is yet to be proven.
(Joseph E. Boling)

764 CLARKE, W.N. and LEITCH, D.E. *Counterfeit Bank Notes*. TCNRS (Winter, 1989) pp. 112-113.

A description of early counterfeit Canadian banknotes, with a list of known forgeries originally published in 1886, is given.
(Michael Hodder)

765 DE BAECK, PAUL. Het Frans papiergeld in de 18e eeuw [French Paper Money in the 18th Century]. *JEGMP* (1989) pp. 75-106.

766 DUGGLEBY, VINCENT. *English Paper Money*. 4th edition. (London, Spink 1990) 173 pp. illus. ISBN 0-907605-31-1.

A revised and updated edition of the author's previous work on this subject is published. (Joseph E. Boling)

767 GOODACRE, CLIVE. The search for the 'Inimitable Note'. *Penrose: International review of the graphic arts* Vol. 74 (1982) pp. 8-28 illus.

Progress in producing banknotes that are difficult to counterfeit is surveyed, with particular attention paid to Bank of England notes created over the past decade. Details of the notes are shown in enlarged illustrations to emphasize the artistic and security aspects of the designs. (Joseph E. Boling)

768 GÜNTHER, GERHARD. Die Notgeldserie "Bauernkrieg" der Stadt Mühlhausen. *NH* No. 67 (Erfurt 1989) pp. 12-26.

The author is concerned with the emergency money of Mühlhausen, issued in 1923. (Paul Arnold)

769 HENKE, KLAUS. Iranisches Papiergeld. *HBN* Vol. 33/35 (1979/81, publ. 1989) pp. 63-81.

In AH 693 (AD 1294) the Ilkhans of Iran introduced paper money as the sole medium of payment within their territory, following the Chinese model. The money was issued in Tabriz and Shiraz. The historical and economic contexts preceding this measure are discussed. The importance of Marco Polo, who possibly visited China in the Ilkhanid service at this time, is a moot question. Sources mention notes from 1/4 dirham to 10 dinars. Inasmuch as the population rejected the use of the notes, they had to be withdrawn from circulation. (Peter Ilisch)

770 KOPICKI, EDMUND. *Katalog podstawowych typów monet i banknotów Polski oraz ziem historycznie z Polską związanych*. Vol. IX, Part 5: *Elementy klasyfikacji pieniędzy papierowych*. [Catalogue of Fundamental Coin and Note Types of Poland and the Lands Historically Connected with It. Elements of Paper Money Classification]. (Warsaw, 1989) 94 pp. illus.

The Polish paper money types, printing works, inscriptions, water marks, numerals, signatures, designers and engravers are classified. (Andrzej Mikołajczyk)

771 LANG, MICHAEL. *Polnisches Notgeld des Zweiten Weltkrieges, Sowie Vorläufer und Nachkriegsausgaben*. (Cologne, The Author 1990). 54 pp. illus.

Polish notgeld from after the 1923 inflation through the 1970s are presented. Issues include prewar and wartime military notes, notes for use by Polish prisoners in German camps, notes for displaced persons camps, and notes for use in Polish psychiatric hospitals after the war. (Joseph E. Boling)

772 LAUERWALD, PAUL. Die Notgeldausgabe der Gemeinde Küllstedt aus dem Jahr 1923. *Eichsfelder Heimathefte Worbis* Vol. 30 No. 1 (1990) pp. 22-27.

The emergency money from Küllstedt in Eichsfeld is discussed. (*Paul Arnold*)

773 LEHNE, HEINRICH. Die Eisenbahn auf deutschen Notgeldscheinen. Eine Zusammenstellung als Beispiel für eine Motivsammlung. *GN* Vol. 25 No. 140 (1990) pp. 331-341 illus.

774 LEVIUS, HAROLD. 150 Years of British Paper Money in South Africa. *IBNS* Vol. 29 No. 3 (Sept. 1990) pp. 12-15 illus.

Notes from the turn of the 19th century to modern times are discussed. The first issues were manuscript notes in *rixdollars* that supplemented Spanish silver. Following a brief Dutch administration (1803-1806), successive issues in *rixdollars* and sterling, by both the government and the emerging commercial banks, are described. Legal links to British currency ended in 1961. (*Joseph E. Boling*)

775 MAC KENZIE, KENNETH M. The First Ottoman Bank Notes: Ka'imé of Abdulmecid 1839-1861. *IBNS* Vol. 29 No. 3 (Sept. 1990) pp. 4-9 illus.

Ottoman notes, starting with manuscript issues in 1840 and progressing through successively finer pieces, are presented, with information about the finance ministers, the political events which stimulated the several emissions, and the government's efforts to limit paper issues. (*Joseph E. Boling*)

776 MÁTRAY, KÁLMÁN. 100 történelmi értékpénz [100 historische Wertpapiere; 100 historic securities]. (Budapest, 1990) 224 pp. illus. In Hungarian, German, English.

The author publishes 100 historic securities in different groupings: banks, commerce, industry. (*István Gedai*)

777 MIHSLER, EWALD. Über ds Notgeld von Buer 1914. Eine Buersche Geld-Geschichte. *Beiträge zur Stadtgeschichte*. Vol. 25 (Gelsenkirchen-Buer, Verein für Orts- und Heimatkunde Gelsenkirchen-Buer, 1989) pp. 82-97 illus.

The author investigates the history of emergency paper issues by the municipality Buer in 1914. (*Peter Ilisch*)

778 NICHOLSON, ALAN. A Catalogue of Errors. *ACR* No. 317 (Nov. 1990) pp. 34-37.

The author discusses the problems of devising a system of classification to describe errors in banknotes. (*John Melville-Jones*)

779 PETTIT, JOHN. The Dardanelles Overprint. Gallipoli Campaign Notes of World War I. *ACR* No. 317 (Nov. 1990) pp. 16-20.

English one pound and ten shilling notes were issued to British, Australian and New Zealand troops during the Gallipoli campaign, overprinted in Turkish with valuations in piastres.
(John Melville-Jones)

780 PIERCE, RICHARD A. The Russian-American Company's 'Coal Mine' Scrip Notes. *JRNS* No. 39 (Summer, 1990) pp. 8-17 illus.

The Russian-American Company (RAC) *marki* (tokens or scrip), used in Russia's North American colonies from 1816 to 1967, comprise a series of regular issues, furnished from St. Petersburg, and various temporary local issues. Of the former, relatively few specimens have survived; of the latter, except for five *marki* and a book of pattern sketches, no survivors are known at present. The extant local scrip notes are all associated with a coal mining enterprise on the Kenai peninsula in Southern Alaska. These coal mine notes apparently circulated among the workers at the site. They bear the signature of the Director of the enterprise, the Finnish mining engineer Enoch Hjalmar Furuheja (1823-1886).
(Author)

781 RICHARDSON, RON. Early Philippine Paper Money Issues. *IBNS* Vol. 29 No. 3 (Sept. 1990) pp. 9-11 illus.

Three little-known paper emissions of the Philippines are described: the *boletas* of the 17th and 18th centuries (documents conveying rights to cargo space on outbound galleons, which traded widely); the *papeletas*, 1863-1877 (transferable, but nearly worthless, bonds issued by the government tobacco monopoly in payment for crops); and the *tesoros*, 1877-ca. 1900 (treasury notes issued to redeem the tobacco bonds). No examples of the first two groups are known and the *tesoros* are exceptionally scarce today.
(Joseph E. Boling)

782 SCHULZ, FRANK. Roggenanweisungen aus Greifenhagen/1923. *NumBeitr* Vol. 23 No. 1 (1990) pp. 11-15.

The author discusses an aspect of the economic history in Pomerania when in 1923 rye was used to cover trade payments.
(Paul Arnold)

783 SHANGHAI NUMISMATIC SOCIETY. *Zhong Guo Li Dai Huo Bi Dai Xi Na. 11 - Xin Min Zhu Zhu Yi Ge Min Shi Ji Ren Min Huo Bi* [Chinese Currency Through the Ages, Vol. 11 - Currency of Chinese New Democratic Revolution Period]. (Shanghai, People's Publishing Co. 1989) 658 pp. illus. In Chinese. ISBN 7-208-00320-3.

1,470 Communist-issued notes (including a few coins) are illustrated, mostly in color, supplemented with brief histories of the issuing authorities; a chronology of Communist issues from 1926-1951; tables of issue location and printer; a list of Communist bond issues 1931-50; and four maps in color (three double-page) showing the growth of Communist-controlled regions through the years of interest.
(Joseph E. Boling)

784 STEWART, DONALD M. Scrip of the Canadian Cooperative Society. *TCNRS* (Summer, 1989) pp. 49-51.

The history and scrip of a cooperative logging company which was founded in

British Columbia in 1895 and lasted until 1898 is published. (*Michael Hodder*)

785 SUN LI-XIN. *Hua Zhong Di Hou Huo Bi* [Currency Issued Behind the Enemy in Central China]. (Nanjing, Jiangxu Scientific Publishing Co. 1989) 306 pp. illus. In Chinese. ISBN 7-5345-0719-7.

Descriptions and illustrations of 233 Communist notes are given. (*Joseph E. Boling*)

786 TALVIO, TUUKKA. Yhteisiä kuva-aiheita Bradbury, Wilkinson & Co:n painamissa suomalaisissa ja ulkomaisissa seteleissä [Common Elements on Finnish and Foreign Banknotes Printed by Bradbury, Wilkinson & Co.]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 3 (1990) pp. 76-77 illus.

The obverse of Finnish banknotes, series 1897-8, were printed in England by Bradbury, Wilkinson & Co. As a control mark the notes have a small medallion in relief printing. Identical medallions can be found on Swedish, Portuguese, Spanish and Chilean notes printed by the same firm. (*Author*)

787 WITHINGTON, ROGER. *The Story of the St. Paul's Drawing on the Reverse of the £50 Note*. (London, The Bank of England 1987) 25 pp. illus. ISBN 0-093312-86-7.

One of the two artist-designers of the 1981 50-pound note presents the research sources used to insure the historical and architectural accuracy of the vignette of St. Paul's on the reverse of the note. Many contemporary illustrations are included. (*Joseph E. Boling*)

788 WU CHOUZHONG. Sun Zhongshan and the Banknotes of the Central Bank of the Republic of China. *China Numismatics* Vol. 3; No. 30 (1990) p. 40 illus. In Chinese.

The Hong Kong "Wen Hui Bao" had once reported some of the letters written by Sun Zhongshan found in Japan, which stated that in the early years of the Republic of China, Sun Zhongshan had tried to establish the Central Bank with the help of Japan. The author of this paper had a collection of the sample notes prepared by Sun Zhongshan for this purpose.

789 YU TINGMING. An Investigation the Paper Money of Ping Shi Official Coins Bureau of Gansu Province. *China Numismatics* Vol. 2; No. 29 (1990) pp. 52-59 illus. In Chinese.

The author introduces the beginning and the end of the Ping Shi Official Coins Bureau of Gansu Province and its paper money, some of which is rare.

For additional references to Paper Money, see the following abstracts:

General, No. 1.

Far East, Nos. 378, 394, 409, 411.

Eastern Europe and the Balkans, No. 632.

United States, No. 650.

Canada, No. 657.

Oceania, No. 677.

TOKENS AND JETONS

790 ARCHILLA-DIEZ, EFRAIN. Bats, Caves, and Caribbean Treasure. *Num* Vol. 103 No. 7 (July, 1990) pp. 1087-1090 illus.

Four Dominican Republic 1/4 real coppers, countermarked **MONA** for circulation in the Miller guano mining areas of the Caribbean island of Mona, were discovered in the Puerto Rican city of Mayaguez. These countermarked coins are the first such kind found. (Michael Hodder)

791 BHATTACHARYA, P.K. On an Interesting Kachari Token from the Fitzwilliam Museum, Cambridge. *JNSI* Vol. 50 (1988) pp. 54-56.

A token of a Kachar tea garden dated 1872 is described. (Amiteshwar Jha)

792 CRAWMER, ARTHUR. Availability and Condition of Hard Times Tokens. *Num* Vol. 101 No. 5 (May, 1990) pp. 718-725 illus.

A survey of eight important auctions is used to create the first published attempt at a Condition Census for Hard Times tokens. Low numbers 1-183 are tabulated, the results indicating that the average collector could acquire about 100 different varieties in better than average condition. (Michael Hodder)

793 DELGRANGE, DOMINIQUE. De rekenpenning van 1545 voor de rekenkamer van Rijsel [The Counter of 1545 for the Audit Department of Lille]. *JEGMP* (1988) pp. 29-34.

A manuscript in the archives of Lille (France) contains information on the actual number of bronze and silver counters struck in 1545 for the audit department of Lille in northern France. (Johan van Heesch)

794 DELGRANGE, DOMINIQUE. Een document betreffende de rekenkamer van Rijsel van 1534 [A Document of 1534 Concerning a Counter of the Audit Department in Lille]. *JEGMP* (1989) pp. 113-117.

A document concerning the fabrication of a counter at the mint of Bruges (Belgium) for the Audit Department in Lille (France) is published and compared with surviving specimens of this counter. (Johan van Heesch)

795 DICKINSON, MICHAEL. Unpublished Seventeenth Century Tokens of Yorkshire. *YN* Vol. 1 (1988) pp. 57-59.

Full details are given of 9 formerly unpublished Yorkshire tokens previously only listed in summary form in the author's *Seventeenth Century Tokens of the British Isles and their Values*. (P.J. Seaby)

796 GREENE, RONALD. Canadian Gold Jewellers' Pieces. *TCNRS* (Summer, 1990) pp. 51-68.

A comprehensive listing of Canadian jewellers' pieces, most in imitation of American gold dollars, with historical background information on the manufacturers, is published. (Michael Hodder)

797 HANCOCK, SIMON L. A brass check of the 'Prospect Tavern,' Pembroke Dock. *SCMB* No. 849 (April 1990) pp. 72-76 illus.

798 HAWKINS, R.N.P. *A Dictionary of Makers of British metallic tickets, checks, medalets, tallies and counters 1788-1910.* Edward Baldwin, Ed. (London, 1989) 1004 pp. illus.

799 HENDERSON, ALAN C. *Hop Tokens of Kent and Sussex and their issuers.* (London, 1990) 128 pp. illus.

800 ILISCH, PETER. Arnsberger wahrzeichen. *Heimatblätter, Zeitschrift des Arnsberger Heimatbundes e.V.* Vol. 10 (1989) (c.o. Hochsauerlandkreis, Eichholzstr. 9, 5760 Arnsberg 2) Vol. 10 (1989) pp. 54-55 illus.

Large uniface lead tokens with dates between 1613 and 1638 can be shown to have served in the annual wood distribution in the large Arnsberg forest. (Author)

801 LALMAN. An Interesting Islamic Token. *Nidhi* Vol. 1 (Jan. 1990) pp. 51-52 illus.

A silver Islamic token obtained from the shrine of Vajreshwari Devi at Kangra is published. (Amiteshwar Jha)

802 LEITCH, T. Masonic Pennies. *TCNRS* (Spring, 1990) pp. 1-7.

The history of chapter pennies in Masonic lodges in and around London, Ontario, is given. (Michael Hodder)

803 MARGOLIS, RICHARD. Matthew Boulton's French ventures of 1791 and 1792; tokens for the Monneron frères of Paris and Isle de France. *BNJ* No 58 (1988) pp. 102-109 illus.

After the construction of a steam-powered mint at Soho, near Birmingham, in 1788, and the subsequent failure to obtain a coinage contract from the British government, Matthew Boulton turned his attention to revolutionary France. His agent, Dr. Francis Swediaur, unsuccessfully attempted to interest the French government in various coinage proposals. Becoming acquainted with the Monneron Frères, members of a family prominent in business and in colonial affairs (3 of whom were deputies to the National Constituent Assembly), Swediaur suggested that the Monnerons issue a token coinage in their own name. From August 1791 until late 1792 the chief production of the Soho Mint was a varied series of tokens for Pierre and Augustin Monneron, which achieved ready acceptance and a wide circulation in France. (Author)

804 MARRINAN, SEAN. Limerick tokens of the 17th century.

NMunsterAntiqJ Vol. 29 (1987, publ. 1990) pp. 32-40 illus.

805 MERSON, R.A. Dr. G.C. Williamson and Guildford, Part 1. *SCMB* No. 851 (June 1990); Part 2, *SCMB* No. 852 (July-Aug. 1990) pp. 165-168.

Biographical notes on the numismatist G.C. Williamson (1858-1942) are published.
(*Edward Besly*)

806 MOFFAT, J.P. Yorkshire Temperance Establishments—Part 1. *YN* Vol. 1 (1988) pp. 61-70 illus.

An introduction to the growth in the 19th century of the Coffee and Cocoa House movement and a listing of the tokens issued by these houses in Yorkshire are published.
(*P.J. Seaby*)

807 NASTER, PAUL. De rekenpenningen van de rekenkamer te Rijsel met Vlaamse legende [The counters with Flemish legends of the Audit Department in Lille]. *JEGMP* (1988) pp. 119-130 illus.

During the reign of the Burgundian Duke Philip I (1478-1506), the mint of Bruges (Belgium) struck counters with Flemish instead of French legends for the Audit Department in Lille (France). A detailed description of these counters, a discussion of their heraldic characteristics and their dating is given by the author. (*Johan van Heesch*)

808 TAYLOR, BRIAN. Miszellen. Ergänzendes zu den Einlasszeichen der Augsburger und Nürnberger Meistersinger. *Nürnberger Mitteilungen* Vol. 76 (Nuremberg, Verein für Geschichte der Stadt Nürnberg 1989) pp. 341-344 illus.

To supplement the earlier article in the same journal, further details about tokens of the Nuremberg master singers as well as a iconographically similar bronze pendant are published.
(*Peter Ilisch*)

809 THOMPSON, R.H. A bird in the hand of Hancock's Half-halfpenny?: A 'new' Shadwell Token. *NCirc* Vol. 98 No. 5 (June 1990) p. 158 illus.

An unpublished token reading **AT SHADWELL DOCK**, found on the Rotherhithe bank of the Thames in 1990, is dated ca. 1666 by comparing its stylistic elements with other tokens. It is suggested that the device of a cock standing upon a hand represents not the proverbial bird in the hand, but an issuer's surname such as Hancock.
(*Author*)

810 THOMPSON, ROBERT H. Civitas, taberna et industria: emitenci monet zastępczych w Wielkiej Brytanii i Irlandii [Civitas, taberna et industria: the issuers of tokens in Great Britain and Ireland]. *PracMat* No. 9 (1989, publ. 1990) pp. 205-213 illus. English summary.

The token issuers, beginning from the 1577 Bristol and other municipal authorities

through the English and Welsh inn- and shopkeepers of the 17th century and to the industrial establishments of the 18th century Britain are discussed. (*Andrzej Mikołajczyk*)

811 THOMPSON, R.H. Making before matching: the multiple use of pictorial punches on London-made tokens of the seventeenth century. *Proceedings of the 10th International Congress of Numismatics, London, September 1986*. I.A. Carradice *et al.*, Eds. (London, International Association of Professional Numismatists, 1986, publ. 1990) pp. 575-581 illus.

The same punch representing a tower or castle appears on different English and Irish tokens. A sea-port stands for both Flushing and Antwerp, so that the making of the image took precedence over matching it to reality. Other pictorial punches are examined in different uses, including cases where punch wear or damage can be detected, and deliberate alteration of punches. (*Author*)

812 THOMPSON, R.H. and GYFORD, JANET. The Witham hoard of 17th-century tokens and George Robinson the issuer. *Essex ArchHist* Vol. 20 (1989, publ. 1990) pp. 133-142 illus.

Five 'issuer' hoards of tokens are added to those listed in *NL* 118-917. The history of the largest, consisting of 203 tokens of George Robinson in Witham (Essex) 1669, is taken back to 1870, when there existed a second Witham hoard of John Freeburne tokens. Robinson's addresses are investigated for the descent of this hoard; the will of George's widow mentions a box which might have contained his tokens. Analysis of the 150 hoard specimens in Colchester and Essex Museum reveals details of their production. Three consecutive groups exhibit very wide and different weight-ranges, yet all have a similar minimum weight. (*R.H. Thompson*)

813 WEITR, RANDY. The 'Little Voice' Always Knows Best. *CCN* (26 June 1990) p. 6 illus.

A newly discovered copper strike of the Canadian token Charlton LC-56, variety with short pennant to foremast, is described and illustrated, LC-56 was previously unknown in this metal. (*Michael Hodder*)

814 WHITTET, T.D. Derbyshire apothecaries tokens and their issuers. *Derbyshire ArchJ* Vol. 108 (1988) pp. 66-76 illus.

815 WHITTET, T. DOUGLAS. Worcestershire Apothecaries' and Barber-Surgeons' Tokens and their issuers. *Trans Worcs Arch Soc*, Third series, Vol. 11 (1988) pp. 51-57 illus.

816 YARWOOD, JOHN F. The British armed forces One Unit and Half Unit tokens. *NCirc* Vol. 98 No. 3 (April 1990) p. 88 illus.

Token small change for use by the British armed forces is described. It was produced by the Royal Mint in 1952-3 and again in 1960-61. These tokens were first issued in Egypt in the Suez crisis of 1956. (*Edward Besly*)

817 ZOMBORI, LAJOS and TOTH, JOZSEF. Begräbnismarken aus Siebenbürgen-Quittungsmarken siebenbürgischer Bestattungsvereine. *GN* Vol. 25 No. 135 (1990) pp. 40-41 illus.

Tokens issued by burial associations in Hermannstadt and Kronstadt, Transylvania, are described in their varieties. *(Peter Ilisch)*

818 ZOMBORI, LAJOS and TOTH, JOSEF. Eine Grunemarke aus Pécs (Fünfkirchen) aus dem vergangenen Jahrhundert. *GN* Vol. 25 No. 136 (1990) p. 98 illus.

A 10-kreuzer mining token from Pécs, issued probably between 1869 and 1875, is published. *(Peter Ilisch)*

For additional references to Tokens and Jetons, see the following abstracts:

General, No. 1.

Far East, Nos. 393, 394.

Medals and Decorations, No. 716.

REVIEWS

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PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are thirty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly *Newsletter* are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

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The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

NUMISMATIC LITERATURE

No. 126

September 1991



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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Each issue of *NL* is now paged separately, rather than consecutively within each issue, and an abstract can therefore be identified by the number together with the abstract number, for example, 81-1. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. At the end of each section is a list of numbered cross references to abstracts with related material in other sections. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcomed and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a Festschrift or Proceedings of a Congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are removed from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

<i>BNN</i>	<i>Banknote News</i> . Formerly <i>Bond and Banknote News</i> . Token Publishing, Ltd., Honiton, Devon.
<i>CCC</i>	<i>Cash Coin Connection</i> . John Kallman, PSC Box 3467, APO San Francisco 96519 (Misawa Air Base, Japan).
<i>IFEN</i>	<i>International Far-Eastern Numismatics News</i> . Ivan Florine, PO Box 75, B-1630 Linkebeek, Belgium.
<i>OPCB</i>	<i>Occasional Papers on Chinese Banknotes</i> . Erwin Beyer, Am Ziegelfeld 3, D-5482 Grafschaft-3, Federal Republic of Germany.
<i>OpMus</i>	<i>Opuscula Musealia</i> . Muzeum Uniwersytetu Jagiellońskiego, Kraków, Poland.
<i>WN</i>	<i>Wiadomości Numizmatyczne</i> . Polska Akademia Nauk, Komisja Numizmatyczna, Warsaw, Poland.

A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions.

GENERAL

- 1** ALFÖLDI, MARIA R. *Retrospectiva e prospettiva*. *RIN* Vol. 92 (1990) pp. 3-10.

In order to obtain a general catalogue of ancient coinage, arranged in conformity with other nations, the author initiated a general discussion of the best ways to realize the aim. The author suggests to list only the fundamental elements of a coin which relate to the dies. (Sara Sorda)

- 2** AMIT, D. and ILAN, Z. The Ancient Synagogue at Ma'on in Judah. *Qadmoniot* Vol. 23 No. 3-4 (1990) pp. 115-125. In Hebrew.

Coin finds (not numerous) cover the period from Antiochus IV (175-164 B.C.) to the 5th century AD (the small bronzes). (Arnold Spaer)

- 3** AREFIEV, V. Suuriruhtinas Georgi Mihailovitsh [Grand Duke Georgii Mikhailovich]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 2 (March 1991) pp. 24-31 illus.

The article is a Finnish translation of "The Grand Duke's Centenary," published in *JRNS* Vol. 25 (1986-87). See *NL* 120-4. (T. Talvio)

- 4** ARNOLD, PAUL. Münzkabinett 1988. *JbStaatlKunstsammlDresden* Vol. 20 (1988) pp. 155-172 illus.

The annual report contains descriptions of several acquisitions, scientific research and publications as well as lectures. Three coin finds are discussed: (1) The groschen hoard from Ponickau (Kreis Grossenhain) of 442 Meissen and Prague groschen, dating from 1338/39 until ca. 1400; (2) The groschen hoard from Goldbach (Kreis Bischofswerda) of 226 Meissen and Prague as well as Hessen and Brunswick groschen, dating from 1346 to ca. 1457/80; (3) The hoard from Belgern (Kreis Torgau) of 240 German convention coins among thalers of 1763-1813. (Author)

- 5** BATESON, DONAL; CAMPBELL, IAN; VISONA, PAOLO. The early nineteenth-century Jackson collection of coins from Carthage. *NC* Vol. 150 (1990) pp. 145-177 illus.

This article discusses and catalogues what appears to be the earliest extant group of coin finds from the site of Carthage. Assembled before 1840, it was exhibited in

London in 1843 but subsequently disappeared from view until recently rediscovered in Glasgow and deposited in the Hunter Coin Cabinet. The 483 coins consist of gold, silver and base metal issues from the Punic, Roman Republican and Imperial, Vandalic, Byzantine and Arabic series. The collection contains some interesting pieces, but generally conforms to the pattern of currency finds emerging from recent excavations at Carthage. (J.D. Bateson)

6 BERGHAUS, PETER. Numismatiker im Porträt. 4. Christian Jürgensen Tomsen 29.12.1788 Kopenhagen - 21.5.1865 Kopenhagen. *GN* Vol. 26 No. 141 (1991) pp. 38-43 illus.

The life-story of the renowned archaeologist and numismatist, whose main interest concerned the medieval European coinage, is given. (Peter Ilisch)

7 BERGHAUS, PETER. Numismatiker im Porträt. 5. Dr. jur Hermann Grote 28.12.1802 Hannover - 3.3.1895 Hannover. *GN* Vol. 26 No. 143 (1991) pp. 126-131 illus.

A wood cutting depicting H. Grote is presented and connected to a biography of the active numismatist who dealt primarily with German medieval coinage. (Peter Ilisch)

8 BERGHAUS, PETER. Numismatiker im Porträt. 6. Nicolaas Rockox, 14.12.1560 Antwerpen 12.12.1640 Hannover. *GN* Vol. 26 No. 144 (1991) pp. 167-171 illus.

A biography of Rockox, a collector of ancient coins (the best of the coinage now housed in Paris), is given. Special attention is paid to a book published by Rockox in 1615 and to his connections to other known persons. (Peter Ilisch)

9 BREM, HANSJÖRG. Ausgrabungen in Konstanz—Münzfunde 1989-1990. *Archäologische Ausgrabungen in Baden-Württemberg 1990*. (Stuttgart, Landesdenkmalamt Baden-Württemberg, 1991) pp. 330-337 illus. ISBN 3-8062-0872-7; ISSN 0724-8954.

The author reports the coins found during archaeological excavations in Constance. The coins include 7 Celtic pieces, partly with known archaeological context; numerous Roman coins of the 3rd and 4th centuries; an *as* of 16 BC countermarked by Tiberius. Many coins dating from the late 11th century onward, primarily from South Germany and Switzerland, were also found. (Peter Ilisch)

10 BUORA, MAURIZIO. Appunti sulla circolazione monetaria nell'aero di Aquileia nell'età repubblicana. *Antichità Altoadriatiche* Vol. 35 (Aquileia, Centro di Antichità Altoadriatiche 1989) pp. 151-178.

The author describes the finds of Greek, Celtic and Roman Republican coins in this area. (Sara Sorda)

11 BUORA, MAURIZIO. Il Gabinetto numismatico. Le monete. Le

medaglie. *Il Castello di Udine*. G. Bergamini, M. Buora, Eds. (Udine, Il Comune ed., 1990) pp. viii-276 illus.

On pp. 216-222 the author gives a brief history of the formation of the collection of coins and medals in the Castello di Udine. (Sara Sorda)

12 CHAVES TRISTAN, F. Notes sobre los hallazgos monetales de Carteia en las campañas de 1971-75. *Habis* Vol. 20 (1989) pp. 275-277.

13 COCCHIARO, ASSUNTA; MARINAZZO, ANGELA; and TRAVAGLINI, ADRIANA. Monete dagli scavi di Brindisi (1984-1988). *AIIN* Vol. 37 (1990) pp. 81-133 illus.

The numismatic finds in the course of the excavations of the city center of Brindisi are discussed. The material consists of 194 coins ranging from the 3rd century BC to the modern age. (Andrea Carignani)

14 FILIPOW, KRZYSZTOF. Niepublikowane znaleziska monet ze zbiorów Muzeum Okręgowego w Białymstoku [Unpublished Finds of Coins from the Collection of the Museum in Białystok]. *WN* Vol. 33 Nos. 1-4 (1989) pp. 66-71.

Eighteen hoards of the 16th-18th century coins and many loose finds are described. (Marta Męclewska)

15 GRELLA, CONSALVO. Museo Provinciale Irpino. *AIIN* Vol. 37 (1990) pp. 239-280 illus.

To the cabinet of the Museo Provinciale Irpino Don Nicola Gambino bequeathed 130 coins from the territory of Rocca S. Felice (from the 4th century BC to the 4th century AD) and from the numismatic collection of the Zigarelli came 130 pieces from the mints of Magna Graecia, Republican Rome and Imperial Rome and Byzantium. (Andrea Carignani)

16 HOWGEGO, C.J. Why did ancient states strike coins? *NC* Vol. 150 (1990) pp. 1-25.

The author argues against the view that the only reason for the striking of ancient coins was to enable states to make payments. A more complex pattern of motivation is demonstrated (monetary reforms, closed currency systems, renewal of worn coins, standardization, monetary alliances (?), profit, pride, politics, minting for individuals). In particular, it is suggested that there is sufficient ancient evidence to take seriously the possibility that coin was produced to facilitate exchange between individuals, the payment of taxes, and external trade. (Author)

17 ILISCH, PETER. Die Münzen des Gräberfeldes von Wünnenberg-Fürstenberg. *BAW Bodenaltertümer Westfalens* Vol. 25 (Münster, Verlag Aschendorff 1991) pp. 120-125 illus.

The author discusses 3 coins found in the course of excavations of a late antique/early

medieval cemetery. The coins: a worn and holed Roman Republican denarius, struck ca. 90 BC, a Merovingian pseudo-Imperial tremisses of low gold and dominant silver content, and a Chrisitana-Religio-penny of Ludwig the Pious, which had been modified into a brooch showing the cross design. (Peter Ilisch)

18 JIN ZHIWEI. The Life of the Numismatist Jiang Boxun. *China Numismatics*. Vol. 32 (1991) p. 58. In Chinese. ISSN 1001-8638.

Jiang Boxun was a famous coin collector in China in the 1930-40s.

19 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg 1990*. (Stuttgart, Landesdenkmalamt 1991) pp. 320-330 illus. ISBN 3-8062-0872-2; ISSN 0724-8954.

Coin finds presented to the Stuttgart cabinet in 1990 are surveyed. The finds include: a Celtic potin of the 'grosse-tete-type' and large parcels of Roman coins from excavations with many subaerati. A late 12th century hoard comprising 12 pennies of a hitherto unknown type, connected with the coinage of the counts of Tübingen. An unusual single find is a Caracalla *aes* from Lydia. Most of the coins come from mints in South Germany. (Peter Ilisch)

20 Kultur- und Stadthistorisches Museum Duisburg: Sammlung Köhler-Osbahn. Vol. I: Auswahlkatalog Münzen und Antiken. (Duisburg, 1990) 143 pp. illus. ISBN 3-923576-75-7; ISSN 0939-1525.

The industrial manager Köhler-Osbahr has given his collection of 70,000 coins and 500 other objects to the Duisburg museum. The present catalogue presents the numismatic part on pp. 94-143. A selection of Greek, Persian, Roman, Byzantine, Sasanian, Chinese and other Far Eastern as well as Indian, medieval and modern German coins and some pre-monetary objects. (Peter Ilisch)

21 MAGEN, Y. Mount Gerizim—A Temple City. *Qadmoniot* Vol. 23 No. 3-4 (1990) pp. 70-96 illus. In Hebrew.

During excavations at this site adjoining ancient Neapolis in Samaris the following coin finds were made: a hoard of 90 copper coins of Alexander II Zabinas (128-123 B.C.); hellenistic issues of the 2nd century BC; Imperial issues of Neapolis, mainly of the 2nd century AD; Roman issues of the mid-4th century AD. The Roman Temple excavated is depicted on Imperial issues beginning with Antoninus Pius.

(Arnold Spaer)

22 MASTELLONI, M.A. Nicotera (Catanzaro) Museo Civico. Furto di materiale numismatico. *BollNum* Vol. 12 (1989) pp. 230-264 illus.

The author publishes 238 coins—Greek, hellenistic, Roman Republic, Roman imperial—from different locales in the region which form the numismatic collection of the Museo Civico of Nicotera (Catanzaro). The entire collection, formed in the 60s, was recently stolen. (Andrea Carignani)

23 MOLINARI, MARIA CRISTINA; SPAGNOLI, EMANUELA. II

ripostiglio di via Alessandrina. *AIIN* Vol. 37 (1990) pp. 135-164.

The article concerns the fortuitous find in 1933 in the Via Alessandrina in Rome of a hoard comprising 81 jewelry objects and 2,529 gold and silver coins. The majority of the pieces are contemporary with or after 1800, while approximately one-fifth are ancient, medieval and modern.
(*Andrea Carignani*)

24 MOLINARI, MARIA CRISTINA; PERRONE MERCANTI, MICAELA; PIRZIO BIROLI STEFANELLI, LUCIA; SPAGNOLI, EMANUELA. *Il tesoro di via Alessandrina. Catalogo della Mostra, Roma, Catel S. Angelo, 10 aprile-24 maggio 1990*. (Rome, Silvana Editoriale 1990) 115 pp. illus.

The author publishes the entire hoard found in 1933 in the Via Alessandrina in Rome during the construction of the imperial road. From the hoard are 72 gold rings with engraved stones (ranging from the 1st century AD to the 19th century AD), 4 gold medals with engraved stones and 3 gold plates. The 29 coins, all in gold, are hellenistic, late Roman Republican, Roman imperial, Lombard, Byzantine, Papal, Austrian, Belgian, Swiss, French and Italian.
(*Andrea Carignani*)

25 MORA SERRANO, B. and SEDEÑO FERRER, D. Referencias literarias sobre hallazgos de moneda antigua en la provincia de Málaga. *Mainake* Vols. 11-12 (1990) pp. 159-170.

26 SCHÖNERT-GEISS, EDITH. Antike Münzen, Sammlung H.A.S. Aus den Sammlungen der Winckelmann-Gesellschaft in Stendal. Vol. 1, Stendal. (1990) 77 pp.

The collection comprises 246 Greek, Roman and Byzantine coins. (*Author*)

27 SORDA, SARA. A proposito dell'uso del rilevatore di metalli nel recupero di oggetti archeologici. *AIIN* Vol. 37 (1990) pp. 345-348.

A law passed in 1989 by the French National Assembly and Senate regulates the usage of metal detectors in the research of artistic and archaeological objects. In order to stop the uncontrolled activity of robbers of the national patrimony of Italy, the article rigorously supports such laws.
(*Andrea Carignani*)

28 STEINECKE, HELMUT. Numismatische Literatur 1988. *NumBeitr* Vol. 23 No. 3/4 (1990) pp. 42-48.

The bibliography of numismatic literature which appeared in the former DDR in 1988 is published.
(*Paul Arnold*)

29 TRAVAGLINI, ADRIANA. Museo Civico "U. Grafani" di Mesagne. *AIIN* Vol. 37 (1990) pp. 283-305.

The author describes 129 coins—Magna Graecia, Roman Republic, Roman Empire, Medieval, Byzantium, Sweden, d'Anjou, Siena; Naples and Venice—found in the territory; added to the numismatic collection of the Museo of Mesagne in Puglia in the last decade.
(*Andrea Carignani*)

- 30** Znaleziska [Finds of Coins]. *WN* Vol. 33 Nos. 1-4 (1989) pp. 71-81 illus.

Finds of the Roman, Byzantine, medieval and modern coins unearthed in Poland during the last few years are described.
(*Marta Męclewska*)

TECHNOLOGY AND METHODOLOGY

- 31** BUI, CARLO and MILAZZO, MARIO. I metodi della fisica nucleare nell'analisi delle monete. *Ermanno A. Arslan Studia Dicata*. Vol. 3. (Milan, Edizioni ennerre s.r.l., 1991) pp. 837-873.

The authors illustrate with practical examples the most useful methods of analyses on coinage.
(*Andrea Carignani*)

- 32** COLLANTES PERES-ARDA, E. Conjetures sobre metrologia ibérica. *Numisma* Vols. 37-39 (1990) pp. 29-108.

The author comments generally on the metrology of the ancient bronze coinage of the Iberian peninsula.
(*Leandre Villaronga*)

- 33** ESTY, WARREN W. The theory of linkage. *NC* Vol. 150 (1990) pp. 205-221.

In order to make valid deductions from die linkage several assumptions about how the mint operated must be made. The author discusses what can and cannot be deduced if the assumptions are made; he also notes the primary numismatic considerations which bear on whether the assumptions hold. A major point is that the data themselves often give evidence that the mint operation must have been too complex for much chronological information to be deduced from linkage alone. A computer program for investigating linkage is discussed. Estimation of the reverse-to-obverse die-ratio is considered. The observed die-ratio tends to underestimate the true die-ratio so a better method of estimation is given.
(*Author*)

- 34** HODDER, MICHAEL. Technological Innovation at the New Orleans Mint. *Num* Vol. 104 No. 4 (April 1991) pp. 546-550, 615-619 illus.

A transcription and analysis of F.F. Claussen's paper "Silver Ingot Melting at the Mint of the United States at New Orleans," delivered to the American Institute of Mining Engineers in July 1887 is presented. Claussen, then assayer to the New Orleans Mint, described a rotary silver ingot melting machine that could process 9,000 ounces of standard silver at one time. This equipment, designed by Dr. J.L. Riddell and built in 1847, was decades in advance of machinery anywhere in the world.
(*Author*)

- 35** LA GUARDIA, RINA. Notizie sulla tecnica di fabbricazione delle monete ed altre operazioni di Zecca i documento d'archivio del secolo XVIII. *Notizie dal chiostro del monastero maggiore*. Rassegna di Studi del Civico Museo Archeologico e del Civico Gabietto Numismatico di Milano. Vol. 43-44

(Milan, 1989) pp. 157-178 illus.

The author publishes 5 documents in the Zanetti-Bellati archives which furnish interesting information on the striking techniques of coinage in the 18th century.
(*Andrea Carignani*)

36 MALKMUS, WILLIAM. Addenda to Vermeule's Catalog of Ancient Coin Dies: Part 3. *SAN* Vol. 18 No. 2 (May 1991) pp. 40-49 illus.

The list of the addenda which began in Part 2 is concluded here. Bibliography of the material used in Parts 2 and 3 is included.
(*Vic Kozik*)

37 MEDRANO MARQUES, M.M. Aproximación a un modelo matemático para determinar la ubicación de cecas y estudiar la circulación monetaria de sus emisiones. *Caesaraugusta* Vol. 65 (1988) pp. 169-192.

38 RANGARAJU, N.S. Chemical Cleaning and Preservation of Coins. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 125-131.

Some methods for cleaning and preserving coins of different metals are suggested.
(*Amiteshwar Jha*)

For additional references to Technology and Methodology, see the following abstracts:

Far East, No. 290.

Paper Money, No. 713.

GREEK

39 AGALLOPOULOU, PENELOPE. Two Unpublished Coins from Patras and the Name of the Roman Colony. *Hesperia* Vol. 58 No. 4 (1989) pp. 445-447 illus.

The author proposes an alteration to the established name of Augustus' colony at Patras: *Colonia Augusta Achaica Patrensis*, based on evidence from the Patras mint and a denarius from the mint of Rome.
(*Candace Carter*)

40 ALESSANDRI, SALVATORE. ΕΠΙΣΗΜΟΝ/ΠΡΟΣΠΟΝ (Contributo per un lessico monetale greco). *Studi di Antichità* (Università di Lecce, Dip. di Scienze dell' Antichità, Congedo ed., Galatina) Vol. 6 (1990) pp. 235-255.

On the basis of literary and epigraphical sources, the author discusses the significance of the term ΕΠΙΣΗΜΟΝ/ΠΡΟΣΠΟΝ.
(*Sara Sorda*)

41 ARNOLD-BIUCCHI, CARMEN. Arabian Alexanders. *Mnemata: Papers in Memory of Nancy M. Waggoner*. William E. Metcalf, Ed. (New York, The American Numismatic Society 1991) pp. 99-115 illus. ISBN 0-89722-243-1.

The Arabian imitations of the tetradrachms of Alexander III of Macedonia are reexamined on the basis of a group of some 60 coins acquired by the ANS in 1989. The five issues of good silver on the Attic standard are all dated approximately between 240 and 200 B.C. but attributed to different mints. A second class of imitations continued into the first century AD at least and can be divided into two groups: imitations of the vertical *skia*, minted probably in the region of Thadj/Gerrha, and imitations of the Abiel type, probably minted further east, in the U.A.E., in the region of ed-Dour. (Author)

42 ASHTON, R.H.J. A new silver issue from Mylasa. *NC* Vol. 150 (1990) pp. 224-225.

The author publishes an apparently unique, anepigraphic silver drachm with types rose/human male head r., associates it with the unique Mylasan drachm J. Hirsch 25, 2364 (now Berlin), and suggests that the portraits on their reverses are those of Hybreas, the leading politician of Mylasa from the 40s BC onward. (Author)

43 ASHTON, R.H.J. The Solar Disk Drachms of Caria. *NC* Vol. 150 (1990) pp. 27-38.

The author provides a corpus of the Carian drachms with profile head of Helios on a radiate solar disk on the obverse and rose flanked by E Y, M E or N I, together with associated bronzes. He argues that they date to ca. 360-340 BC, and that the traditional attributions to Euthana, Megista and Nisyros are mistaken. He very tentatively suggests that they may have been struck by the Hekatomnids. (Author)

44 BAUSLAUGH, ROBERT. Cistophroic countermarks and the monetary system of Eumenes II. *NC* Vol. 150 (1990) pp. 39-65 illus.

Countermarks of a bowcase and letters identifying 11 authorities (10 of which are cities within the territory of the post-Apamean Pergamene Kingdom) were placed on the obverses of autonomous tetradrachms of Side and posthumous Alexander tetradrachms of Phaselis, Aspendus and Perge. Based on a catalogue of more than 150 examples and the examination of the hoard record for countermarked varieties, the countermarking activity can be dated to the years immediately after the Peace of Apamea (188-183 BC) and connected with the indemnity paid by Antiochus III to Eumenes II. The countermarks therefore appear to have been used as a device to legalize circulation of a special group of foreign, Attic-weight coins, during the years immediately before the introduction of the reduced weight cistophoric coinage. All of this suggests close supervision of the Pergamene monetary system by the Attalids. (Author)

45 BICKNELL, PETER. Turtle tattle. *NC* Vol. 150 (1990) pp. 223-224.

A new reading is proposed of the long graffito inscribed on an early Aeginetan stater. If the reading is correct, the coin was part of a payment to an Aeginetan shrine

for some kind of religious service rather than a ransom money as suggested by N.G. Ashton, *NC* Vol. 147 (1987) pp. 1-7. (Author)

46 BOPEARACHCHI, OSMUND. Graeco-Bactrian Issues of Later Indo-Greek Kings. *NC* Vol. 150 (1990) pp. 79-103.

The aim of this study is (1) to give a complete inventory of all published and some hitherto unknown Graeco-Bactrian coins minted by Menander and his successors south of the Hindu Kush mountains and (2) to reexamine the various hypotheses put forward by scholars after the discovery of the Qunduz hoard. The inventory comprises 47 pieces, of which 12 are unpublished. The author shows (1) that once completely overpowered by the Yüeh-chi around 130 BC, the Greeks had no further control whatsoever over the provinces north of the Hindu Kush, and (2) that all the Graeco-Bactrian coins issued by Indo-Greek kings were struck in the mints situated in their territories south of the Hindu Kush. Three possibilities are examined to account for the existence of the Graeco-Bactrian coins issued in the name of kings who normally should have minted only the bilingual coinages: (i) these coins were prestige issues; (ii) they were the currency for commercial exchanges with Bactria; (iii) they constituted the tribute paid to menacing neighbors used to the Attic standard. The author excludes the first proposition and presents the remaining two as possible hypotheses. (Author)

47 CACCAMO CALTABIANO, MARIA and TROMBA, V. La monetazione della Basilissa Filistide. *NumAntClas* Vol. 19 (1990) pp. 161-183 illus.

The authors examine the principal results of the study of the issues of Philistis, queen of Syracuse and wife of Hieron II (275-215 BC). The authors reexamine the entire Syracusan coinage of the time and compare the issues of Philistis with those of Hieron, of Gelon, and the authors distinguish two series of silver which refer to the Roman weight system. (Andrea Carignani)

48 CALCIATI, ROMOLO. La monetazione de Kainon. Problemi tipologici, metrologici e cronologici. *Ermanno A. Arslan Studia Dicata*. Vol. 1. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 35-86 illus.

The principal problems inherent in the coinage of the city of Kaunos in Sicily are confronted. The issues begin ca. the first decade of the 5th century BC and form two distinct series characterized by types of griffon/horseman followed by types of locust/star. Many variations of the dies exist; initially the dies are executed artistically well, although in the later series the work manifests less care and an unevenness in quality. (Andrea Carignani)

49 CAMPO, MARTA. Dracmas e imitasciões de Emporion en tesoros del Gabinet Numismàstic de Catalunya. *Ermanno A. Arslan Studia Dicata*. Vol. 1. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 165-184 illus.

On the basis of a broad survey of hoards containing coins of Emporion found in Catalonia and kept in the local numismatic cabinet, the author describes the coinage of this city and the issues between the 5th and 1st century BC. (Andrea Carignani)

50 CANTILENA, RENATA. La riduzione ponderale a Siracusa. *DialArch* Vol. 7 No. 2 (1989) pp. 9-20 illus.

The author discusses the weight reduction of the staters at the end of Agathocles' rule (end of the 4th century BC). Based on the examination of numismatic documents, the author stresses the independent action of the Syracusan reduction from that of the Romano-Campanian series with that adopted in the period of the Tarantine War among the cities of Magna Graecia. (Andrea Carignani)

51 CARRUBA, ONOFRIO. Valvel e Rkalil. Monetazione arcaica della Lidia: problemi e considerazioni linguistiche. *Ermanno A. Arslan Studia Dicata*. Vol. 1. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 13-23 illus.

The author considers the linguistic order on the significance of two legends on several archaic coins of Lydia. The author concludes that both contain references to the mint and sovereign. The evidence points to the fact that all these coins were issued by a unique central authority. (Andrea Carignani)

52 CHRISTIANSEN, ERIK. The Roman Coins of Alexandria (30 BC to AD 296). *NNA* (1983-1984) pp. 5-58.

The article lists the most important contemporary public collections containing Alexandrian coins. The collections are presented with details about their holdings. (Ulla Westermark)

53 CUTRONI TUSA, ALDINA. La monetazione dei centri elimi nel corso del V secolo a.c. *Gli Elimi e l'area elima fino all'inizio della prima guerra punica*. Atti del Seminario di Studio, Palermo-Contessa Entellina, 25-28 maggio 1989. *Archivio Storico Siciliano* Part 4, Vol. 14-15. (Palermo, Società Siciliana per la Storia Patria, 1988-1989) pp. 173-192 illus.

On the examination of the first phases of the coinage of the cities (Entella, Eryx, Nakone), the author discusses the role of the issues of Segesta struck in the decade 480-470 BC on the standard of Selinus and Agrigentum. (Andrea Carignani)

54 CUTRONI TUSA, ALDINA. Monete macedoni ed ellenistiche nei ripostigli siciliani. *AIIN* Vol. 37 (1990) pp. 49-80 illus.

On the basis of 22 hoards of Macedonian and hellenistic coins found in Sicily, the author describes the circulation of these issues on the island during the 4th and 3rd centuries BC. (Andrea Carignani)

55 ELAYI, JOSETTE and ELAYI, ALAIN G. Un trésor de monnaies séleucides de la Trouvée de Homs. *Ermanno A. Arslan Studia Dicata*. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 157-164 illus.

The authors present 9 coins from a hoard of 19 silver tetradrachms found in 1987 at Homs in Libya and then subsequently dispersed. The coins are from the Seleucid kings: Antiochus VII (138-129 BC) and Antiochus IX (113-95 BC).

(Andrea Carignani)

56 FISCHER, THOMAS. Westfalenbank stiftete der Ruhr-Universität eine antike Silbermünze: Antiochos das Kind. *GN* Vol. 26 No. 144 (1991) pp. 164-166 illus.

A tetradrachm of Antiochus VI (Cf. Newell, *SMA* No. 241), donated by the Westfalenbank to the Bochum University Coin Cabinet, is presented in its historical, political as well as iconographic and religious contexts. (Author)

57 GARAFFO, SALVATORE. La monetazione dei centri elimi sotto il dominio campano. *Gli Elimi e l'area elima fino all'inizio della prima guerra punica*. Atti del Seminario di Studio, Palermo-Contessa Entellina, 25-28 maggio 1989. *Archivio Storico Siciliano* Part 4. Vol. 14-15. (Palermo, Società Siciliana per la Storia Patria, 1988-89) pp. 193-201 illus.

The author studies the issues of the cities of Entella and Nakone from the years of the occupation of the Campanian mercenaries (404 BC) to the Carthaginian conquest (end of the 4th century BC). (Andrea Carignani)

58 GIOVE, TERESA. Il ripostiglio di Sala Consilina. *AJIN* Vol. 37 (1990) pp. 9-48 illus.

The author publishes the hoard of Sala Consilina, found fortuitously in 1922 and kept in the Museo Archeologico Nazionale di Napoli. The hoard comprises 85 staters struck in the principal mints of Magna Graecia, deposited in the first half of the 3rd century BC. The coins furnish significant evidence of monetary circulation within Magna Graecia and in particular in the Vallo di Diano, from the end of the 5th century BC to the first part of the 3rd century BC. (Andrea Carignani)

59 HAYMES, CHRIS. The First Coinage of Athens. *SAN* Vol. 18 No. 2 (May 1991) pp. 28-36 illus.

The introduction of the first coinage of Athens, known as *wappenmünzen*, appears to have been ca. 545 BC. The article is an up-dated version, see *NL* 119-93. (Vic Kozik)

60 HERSH, CHARLES A. A Fifth-Century Circulation Hoard of Macedonian Tetrobols. *Mnemata: Papers in Memory of Nancy M. Waggoner*. William E. Metcalf, Ed. (New York, The American Numismatic Society, 1991) pp. 3-19 illus. ISBN 0-89722-243-1.

The author has published a circulation find that was made up of at least 233 silver coins that probably was unearthed in eastern Macedonia. It included 196 light tetrobols and 1 heavy tetrobol struck by the 5th century BC kings of Macedonia, Alexander I, Perdiccas II and Archelaus. This is the first known and recorded hoard of any sizeable number of these tetrobols found together and has more than doubled the total of light tetrobols known that were struck by the first two of these kings. This hoard indicates that these light tetrobol issues were substantially larger than previous reference works had recognized. (Author)

61 HOLM, ARNE E. Det plastiske ved noen mynter fra antikken [The

Sculptural Elements of Some Ancient Coins]. *NNF-Nytt* Vol. 1 (1991) pp. 9-12 illus. In Norwegian with English summary.

The author discusses some principles for creating artistic relief on coins.

(Ulla Westermark)

62 HOUGHTON, ARTHUR. The Antioch Project. *Mnemata: Papers in Memory of Nancy M. Waggoner*. William E. Metcalf, Ed. (New York, The American Numismatic Society, 1991) pp. 73-97. ISBN 0-89722-243-1.

The article reports on a study that the author and Georges Le Rider have jointly undertaken of the hellenistic mint of Antioch, that would update all previous surveys of Antiochene coins of the period and incorporate die, metrological and metallurgical data. It discusses methodological issues involved in the study, and gives the preliminary results of obverse die and metrological surveys of tetradrachms produced under selected Seleucid rulers. A conclusion of the study that raises important questions about the volume of currency in circulation in the Syrian north during the hellenistic period is that the mint of Antioch may have produced no more than 1,400 obverse tetradrachms dies over the course of its 251-year history.

(Author)

63 LEVANTE, EDOARDO. The Coinage of Selinus in Cilicia. *NC* Vol. 150 (1990) pp. 226-233 illus.

The 85 known coins of Selinus are discussed. The coinage starts with Antiochus IV of Commagene who, before striking coins with his own portraits as well as family members, probably used for a short time coins of Tiberius struck in Commagene with the countermark CEAI. A remarkable, unique coin shows the grandson of Antiochus, son of Epiphanes named C. Julius Antiochus Epiphanes Philopappos Besaieus, who never ruled in Commagene but who is mentioned in the literature as an Athenian citizen and a Consul in Rome in AD 100. The coinage during the Roman period starts with Trajan and stretches until Etruscus, with few exceptions. The most remarkable type for that period consists of two veiled and standing female divinities; it is so far unexplained but it should imply some important local form of Demeter and Kore worship.

(Author)

64 MARTIN, THOMAS R. Silver Coins and Public Slaves in the Athenian Law of 375/4 BC. *Mnemata: Papers in Memory of Nancy M. Waggoner*. William E. Metcalf, Ed. (New York, The American Numismatic Society 1991) pp. 21-47 illus. ISBN 0-89722-243-1.

The appearance of imitation Athenian coins in circulation at Athens made the certification of coinage more problematic than ever before. This situation exacerbated the special problem of the allocation of power posed for Athenian democracy by the certification of coinage, which required the exercise of a largely unauditible power over the property of citizens and others. This anomalous power was better invested in an unfree person like a public slave than in a citizen or metic because a public slave was subject to correction and punishment without audited proof of wrong-doing.

(Author)

65 MATTINGLY, HAROLD B. The beginning of Athenian new style

silver coinage. *NC* Vol. 150 (1990) pp. 67-78.

Against Mørkholm's argument that Athenian New Style coinage began intermittently in the 180s and became annual and continuous only with Issue 20 in 145 BC, the evidence of a number of Near Eastern hoards appears conclusive. Whereas Mørkholm claimed that Issue 8 was struck ca. 170 BC on the evidence of the Bakërr Hoard (Albania), in the East Issue 8 is not found until the Babylon hoard (ca. 155 BC) and Issue 13 not until Trabzon (ca. 152 BC). The Bakërr hoard contains the latest Epirot League silver (down to 167 BC), but this coin continued circulating after the League's debacle. Coin evidence from Dodona suggests that troubles later than the 167 BC crisis caused coin loss and hoard burial. From Polybius we can deduce a plausible historical context for the Bakërr hoard in 157/6 BC, which is the likely date for the appearance of Issue 8. (Author)

66 MIELCZAREK, MARIUSZ. O monetach greckich wybitych przed końcem I wieku p.n.e. znalezionych na obszarze Polski [Concerning the Greek Coins Struck before the End of the First Century BC Found over the Area of Poland]. *WN* Vol. 32 No. 3-4 (1988, publ. 1990) pp. 129-158 illus. English summary.

The author presents Greek coins, mainly from the hellenistic period, found in Poland. The routes by which the coins reached the Polish land are discussed. The appendix lists the earlier unrecognized forgeries of the ancient Greek coins described as found in Poland. (Author)

67 MIELCZAREK, MARIUSZ. Obieg monetarny w państwach hellenistycznych. Egipt Lagidów i Syria Seleukidów [The Coin Circulation in the Hellenistic States. Egypt of the Ptolemies and the Seleucid Kingdom]. *PracMat* Vol. 9 (1989, publ. 1990) pp. 5-14. English summary.

To describe the coin circulation in the hellenistic states the situation of Egypt under the Ptolemies and of the Seleucid kingdom is outlined. Effects of the system of economic isolation, used in Egypt, are examined. The openness of coin circulation in the Seleucid state is stressed. (Author)

68 MISSERE, FEDERICA. Iconografia della Boule e del Demos nella monetazione imperiale greca dell'Asia minore. *RIN* Vol. 92 (1990) pp. 75-128.

The author quantifies the representations of each of the two institutions within the region, with reference to the typological variants and legends. (Sara Sorda)

69 MITKOWA-SZUBERT, KUNKA. Monety bosforskie z Kerczu w zbiorach Państwowego Muzeum Archeologicznego w Warszawie [The Bosporal Coins of Kerch in the Collection of the State Archaeological Museum in Warsaw]. *WN* Vol. 32 No. 3-4 (1988, publ. 1990) pp. 185-189 illus. English summary.

The author describes: Bosporan coins (8), Tauric Chersonesus (2), Ptolemaic (1) and Roman (1), found at the end of the 19th century in Kerch in the Crimea as well as 3 forgeries of Roman coins turned over to the State Archaeological Museum. (Mariusz Mielczarek)

70 MORENO, PAOLO. Statue e monete: dall'Eracle in riposo all'Eracle invito. *Ermanno A. Arslan Studia Dicata*. Vol. 2. (Milan, Edizioni Ennerre s.r.l.,

1991) pp. 503-580 illus.

On the basis of the statuary, the coinage is used to elucidate the iconography of the Herakles of Lysippos and the Herakles of the Ara Maxima.

(Andrea Carignani)

71 NASTER, PAUL. Remarque complémentaire concernant les carrés creux des monnaies de Zancle. *Ermanno A. Arslan Studia Dicata*. Vol. 1. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 25-34.

The author develops several considerations concerning the incuse square on the reverse of some coins of Zancle in a follow-up of an article on the subject (*RIN* Vol. 90 [1988] pp. 3-13).

(Andrea Carignani)

72 PRICE, MARTIN J. A silver crisis in the 170s BC/En sølvkrise i 170-årene før Kristus. *NNF/Nytt* Vol. 2 (1990) pp. 6-9 illus. In English and Norwegian.

Following the silver crisis in the 170s BC weight reductions were carried out simultaneously in 173/2 BC in both Syria and Macedonia. In Egypt a drastic change in the ratio between silver and copper occurred in the same period, 183-172 BC.

(Ulla Westermark)

73 PRICE, MARTIN J. Circulation at Babylon in 323 BC. *Mnemata: Papers in Memory of Nancy M. Waggoner*. William E. Metcalf, Ed. (New York, The American Numismatic Society, 1991) pp. 63-72 illus. ISBN 0-89722-243-1.

A hoard found at Babylon in 1973 was of particular interest to Nancy Waggoner. It contains large quantities of Alexanders, including decadrachms, lion staters, imitations of Athenian tetradrachms from the East, and a dramatic group of "Porus" 5-shekels with new smaller denominations. The burial can be placed in 323 BC, and the hoard underlines Alexander's policy of allowing local coinages to circulate beside his imperial coinage.

(Author)

74 RAO, MARIA. Sulla polisemia di TALANTON (Pollux, 9.52.4-9.54.20). *Annali della Scuola Normale Superiore di Pisa*. Vol. 19 No. 4 (1989) pp. 1283-1289.

On the basis of a semantic analysis of the term TALANTON, with reference to several passages in Pollux—used to signify the object, the weight, the coin itself—the author remarks that the same vagueness of the passages reflect the different phases of the premonetary economy to the monetary economy.

(Andrea Carignani)

75 SCHÖNERT-GEISS, EDITH. Kolloquium "100 Jahre 'Griechisches Münzwerk'". *NumBeitr* Vol. 22 No. 2 (1989) p. 58.

76 SCHULTZ, SABINE. Ein Fund illyrischer Drachmen unbekannter Herkunft. *Staatliche Museen zu Berlin, Forschungen und Berichte*. Vol. 29/30 (1990)

pp. 37-42.

The author discusses a hoard of 100 drachmae from the Illyrian cities of Dyrrhachium and Apollonia, which has been housed in the University Library of Leipzig since 1852. The coins date to 150-30 BC; the hoard was probably deposited in the second half of the 1st century BC.
(Paul Arnold)

77 TALIERCIO MENISTIERI, MARINA. La riduzione ponderale in Magna Grecia; in particolare, gli stateri ridotti di Heraclea, Thurii e di Crotona. *DialArch* Vol. 7 No. 2 (1989) pp. 31-52 illus.

Concerning the development of the gradual ascendancy of Rome and its coinage in Magna Graecia during the first third of the 3rd century BC, the author compares the question of the weight reduction of the staters of Thurium, Croton and Heraclea. This phenomenon is parallel to events in Syracuse and Taranto and is placed in relationship with the Pyrrhic War. In the last paragraph special attention is given to the drachma in South Italy.
(Andrea Carignani)

78 TORBÁGYI, MELINDA. Egy ismeretlen lelőhelyű dyrrachiumi éremkincs Magysországról [A Dyrrhachium Coin Hoard from an Unknown Locality of Hungary]. *Numizmatikai Közöny* Vol. 88-89 (1989-1990) pp. 3-12. German summary.

The Hungarian National Museum bought a coin hoard, which consisted of 153 coins of Dyrrhachium, among them 4 imitations. The coins are identified. In particular, the author deals with the chronology of Ceka, Mayer, Popovic, Visona and Conovici. The hoards of Dyrrhachium in Transylvania are examined.
(István Gedai)

79 TRANCHINA, PINA. Soprintendenza ai BB.CC.AA. della Sicilia Orientale. *AIIN* Vol. 37 (1990) pp. 325-327.

The author describes the acquisition of three private collections of Greek and Sicilian coins by the numismatic cabinet of the Syracuse Museum. The author proposes the precise composition of the hoard of Megara Hyblaea, discovered in 1949: 47 coins, forming the majority, are from the Syracuse mint; the rest were struck by Catania, Leontini, Enna and Reggio.
(Andrea Carignani)

80 TROXELL, HYL A. Alexander's Earliest Macedonian Silver. *Mnemata: Papers in Memory of Nancy M. Waggoner*. William E. Metcalf, Ed. (New York, The American Numismatic Society, 1991) pp. 49-61 illus. ISBN 0-89722-243-1.

A preliminary analysis of the tetradrachms from Alexander III's chief Macedonian mint suggests that the coinage started no earlier than 332 BC, and that the coins whose inscriptions include the title ΒΑΣΙΛΕΥΣ were struck during the nominal reign of Alexander IV, ca. 323-316 BC. A volume in progress will present a fuller study of the mint.
(Author)

81 WESTERMARK, ULLA. Två nyförvärv från Alabanda i Karien [Two new acquisitions from Alabanda in Caria]. *NNUM* Vol. 1 (1991) pp. 2-3 illus.

Two hellenistic tetradrachms acquired by the Royal Coin Cabinet, Stockholm, are described and illustrated. (Author)

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 1, 2, 10, 15, 16, 20, 21, 22, 25, 26, 29.
Technology and Methodology, No. 36.
Punic, No. 88.
Etruscan, Nos. 92, 94.
Roman, Nos. 141, 167, 183, 185.
India, Nos. 248, 249, 252.

CELTIC

82 FISCHER, BRIGITTE. Les monnaies gauloises témoins de l'histoire. *Ermanno A. Arslan Studia Dicata*. Vol. 1 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 197-203 illus.

On the evidence of historical and literary documentation, the author underlines the importance of the figurative and epigraphical decoration of Gallic coinage in the reconstruction of the history and culture of the Celts. (Andrea Carignani)

83 STEPHAN, HANS-GEORG. Geländeforschungen des Seminars für Ur- und Frühgeschichte der Universität Göttingen im Jahre 1989. *Göttinger Jahrbuch* Vol. 38 (1990) p. 257 illus. ISBN 3-88452-368-6; ISSN 0072-4882.

The archaeological report includes a British Celtic gold found in Duderstadt. (Peter Ilisch)

84 SYMONS, D.J. Further Celtic coins from the Finney collection. *NCirc* Vol. 98 No. 8 (Oct. 1990) pp. 268-272 illus.

More addenda and corrigenda to Van Arsdell's *Celtic Coinage of Britain* are published. (Edward Besly)

For additional references to Celtic numismatics, see the following abstracts:

General, Nos. 1, 9, 10, 19, 25.
Roman, No. 134.

PUNIC

85 ALFARO ASINS, CARMEN. Epigrafia monetar púnica y neopúnica en Hispania. Ensayo de Síntesis. *Ermanno A. Arslan Studia Dicata*. Vol. 1 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 109-156 illus.

The author publishes a survey of the principal Punic mints on the Iberian peninsula with a detailed discussion of the epigraphic decoration. (Andrea Carignani)

86 ELAYI, JOSETTE and LEMAIRE, ANDRÉ. Les petites monnaies de Tyr au Dauphin avec inscription. *NumAntClas* Vol. 19 (1990) pp. 99-116 illus.

The authors discuss the exact letters of the legend on the obverse of the first fractions struck by the mint of Tyre, which depict a dolphin among the waves and on the reverse an owl. The letters proposed are **MHSGR**, which mean issues of **GR**. (Andrea Carignani)

87 GUIDO, FRANCESCO. Un ripostiglio monetale punico da Riola Sardo (Oristano). *Ermanno A. Arslan Studia Dicata*. Vol. 1 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 97-108 illus.

The author discusses the find of a Punic hoard in Sardinia, discovered in 1985. The find comprises 55 bronzes from a Sardo-Punic mint, dating to the mid-3rd century BC. (Andrea Carignani)

88 MANFREDI, LORENZA-ILIA. Riconiazioni ed errori di conio nel mondo punico. *Rivista di Studi Fenici*. Vol. 18 (1990) Suppl. (Rome, C.N.R., 1991) 268 pp. illus.

The author publishes a catalogue of Punic coinage restruct on other Punic coinage as well as on Greek and Roman coinage. A catalogue listing the Greek and Roman coinage restruct on Punic coinage is included also. (Sara Sorda)

89 MANFREDI, LORENZA-I. Tharros (Oristano). Scavi 1989. *BollNum* Vol. 12 (1989) pp. 227-229 illus.

The author presents the bronze coinage from the excavation of the tofet of Thasos. 8 Punic (first half of the 5th century BC-end of the 3rd century BC) from the mints of Sicily and Sardinia; 2 Roman Republican (second half of the 3rd century BC); 1 illegible. (Andrea Carignani)

For additional references to Punic numismatics, see the following abstracts:

General, Nos. 5, 25.
Roman, No. 182.

ETRUSCAN

- 90 BRUNI, STEFANO.** *Per una cronologia delle serie enee di Populonia.* *RIN* Vol. 92 (1990) pp. 11-18 illus.

A coin—head of Minerva/owl with closed wings, *Pupluna*—was found at the end of the last century on the acropolis of Monte Pitti at Campiglia Marittima in a woman's tomb. The contemporary contents of the tomb date the coin between the end of the 4th and the beginning of the 3rd century. The coin, apparently circulated for a long time, must be contemporary or before the buried remains. This find confirms the chronology proposed by other excavations and one restruck example.

(Sara Sorda)

- 91 CATALLI, FIORENZO.** *Monete etrusche.* (Rome, Libreria dello Stato. Istituto Poligrafico e Zecca dello Stato, 1990) 149 pp. illus.

The volume opens with a history of the study, followed by the reconstruction of the first phase of the monetary system in Italy and the first issues of the Etruscan cities. The central feature of the work is dedicated to various mints (Populonia, Tarquinia, Vetulonia, Volterra, etc.). Several aspects concerning techniques and the beginning of coinage in Rome are included.

(Andrea Carignani)

- 92 HANSEN, OVE.** The Coins with the Legend **MEP** and the Origin of the Etruscan. *Parola del Passato* Vol. 255 (Naples, Macchiaroli ed., 1990) pp. 447-448.

The Greek inscription on a bronze found at Olympia, probably of Sybarite origin, identifies a treaty between the Sybarites and the *Serdaioi*. E. Kunze (*VII. Bericht über die Ausgrabungen in Olympia*, Berlin 1961, pp. 207-210) correlated the *Serdaioi* with the coinage bearing the legend **MEP**, the author advances the hypothesis that the *Serdaioi* and the **MEP** should be identified with the Etruscans. The name of the people and the monetary legend would confirm the origin of the Etruscans to Lydia.

(Sara Sorda)

- 93 VISMARA, NOVELLA.** Brevi note su due monete etrusche riconiate conservate presso le civiche raccolte numismatiche di Milano. *Ermanno A. Arslan Studia Dicata*. Vol. 1 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 87-95 illus.

The author recognizes an Etruscan coin struck in Populonia at the beginning of the 3rd century BC as an overstrike of a coin initially from the mint of Locris Opunzoi (Locris) of the preceding century.

(Andrea Carignani)

- 94 VISONA, PAOLO.** Monete etrusche di imitazione massaliota nel Museo Civico di Bassano del Grappa. *Notizie dal chiostro del monastero maggiore*. Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano. Vol. 43-44 (1989) pp. 17-22 illus.

The author publishes 2 parts from the numismatic collection of the Museo Civico of Bassano del Grappa. The first comprises 20 Etruscan bronzes with elephant, owl

or dog on the reverse, struck in the mid-3rd century BC. The second group consists of 5 drachms from the Po which are imitations of Massaliote coins dating between the end of the 3rd century and the 1st century BC. (Andrea Carignani)

For an additional reference to Etruscan numismatics, see the following abstract:

General, No. 1.

IBERIAN

95 BELTRAN, A. Consideraciones sobre la moneda ibérica como medio de investigación histórica. *Numisma* Vols. 37-39 Nos. 204-221 (1990) pp. 9-28.

The author interprets the signs of the Iberian alphabet. (Leandre Villaronga)

96 BENAGES, J. Noves aportacions el monetari de Tàrraco amb llegenda ibèrica. *BullAnq* Series 5, Nos. 1-2 (1990) pp. 117-121.

Previously unpublished coins are described. (Leandre Villaronga)

97 BURILLO MOZOTA, F. Apuntes sobre la localización e identificación de las ciudades de época ibérica en el alto medio del Ebro. *Arqueología Especial* Vol. 12 (1988) pp. 176-193.

The author hypothesizes concerning the distribution of the mints of Iberian denarii. (Leandre Villaronga)

98 MEDRANO MARQUES, M.M. Nuevos ponderales ibéricos procedentes de la Celtiberia Citerior *Estado actual de la arqueología en Aragón* Vol. 2 (1990) pp. 169-174.

99 VILLARONGA, LEANDRE. Les dracmes d'imitació emporitana amb la llegenda --. *Ermanno A. Arslan Studia Dicata* Vol. 1 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 185-196 illus.

The author isolates a new group of hybrid drachms, which imitate those of Emporion characterized by a separate legend. This money was struck between 218 and 195 BC in a mint probably located near Castello on the Ebro in order to resolve the financial problems of the Iberians in their struggle against Rome.

(Andrea Carignani)

For additional references to Iberian numismatics, see the following abstracts:

General, No. 25.

Technology and Methodology, No. 32.

ROMAN

100 ABAD VARELA, M. Circulación monetaria en la Hispania Romana del s. IV d.C. (Resumen de tesis doctoral). *Numisma* Vols. 37-39 (1990) pp. 203-208.

101 ABAD VARELA, M. Representación en Hispania de las cecas inciertas desde el 284 al 395 d.C.. *GacNum* Vol. 99 (1990) pp. 17-28.

102 AREVALO GONZALEZ, A. Consideraciones sobre unas monedas de taller incierto. *GacNum* Vol. 99 (1990) pp. 7-10.

The author discusses the coinage with the types of Obulco. (*Leandre Villaronga*)

103 BALBI DE CARO, SILVANA. Gruzzolo di monete d'oro dal Tevere, Roma 1880. *Ermanno A. Arslan Studia Dicata*. Vol. 3. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 623-644 illus.

During the construction of the dams of Tevere in 1880 was found a group of 69 solidi, dating from Honorius to Arcadius, struck in the mints of Rome, Milan and Ravenna. (*Andrea Carignani*)

104 BATESON, J.D. and HANSON, W.S. A Flavian hoard from Scotland: a Foundation Deposit? *NC* Vol. 150 (1990) pp. 233-236.

This note is a preliminary record of the first certain 1st century AD hoard of coins from Scotland. Found during extensive excavations of the Flavian fort at Elginhaugh in 1986, it consists of 45 denarii, ranging from Republican to an issue of Vespasian of AD 77-78. Interpretation of the find suggests a possible foundation deposit for the fort constructed during Agricola's campaign of AD 79-80. (*Author*)

105 BATESON, J. DONALD. Roman *Spintriae* in the Hunter Coin Cabinet. *Ermanno A. Arslan Studia Dicata*. Vol. 2. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 385-397 illus.

The author discusses the *spintriae*, bronze or copper jetons struck at Rome in the 1st century AD, engraved on the obverse with erotic scenes. The author publishes 35 examples from the Hunter Coin Cabinet of the University of Glasgow. (*Andrea Carignani*)

106 BATTAGLIA, MARCO. Civico Museo Archeologico di Angera. *AIIN* Vol. 37 (1990) pp. 183-184.

Among the new acquisitions of the Angera (Varese) Museum is a hoard of 33 Roman imperial coins, ranging from Gallienus to the end of the 5th century, found in a garden in the city center. (*Andrea Carignani*)

107 BIRÓ-SEY, KATALIN and LÁNYI, VERA. Fundmünzbericht 1984. *Acta Archaeologica Academiae Scientiarum Hungariae*. Vol. 41 (1989) pp. 509-526.

The authors publish the identification of 643 Roman coins, which were discovered in Hungary in 1984. (István Gedai)

108 BIRÓ-SEY, KATALIN. Római pénzek egykorú hamisítványai a Magyar Nemzeti Múzeum Éremtárában. II.rész. [The Contemporary Forgeries of the Roman Coins in the Collection of the Hungarian National Museum. II.part]. *Numizmatikai Közlemény* Vols. 88-89 (1989-1990) pp. 55-62. German summary.

In this part the author deals with the imitations of the bronze follis with **VICTORIAE LAETE PRINC PERP** legend. 61 coins are discussed. (István Gedai)

109 BIRÓ-SEY, KATALIN. Unpublizierte römische münzen im Ungarischen Nationalmuseum. *Ermanno A. Arslan Studia Dicata*. Vol. 2. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 409-417 illus.

The author publishes 6 Roman imperial coins hitherto unpublished, housed in the Museo Nazionale Ungherese: silver denarius (1) of Septimius Severus; denarii (2) of Septimius Severus and Caracalla; follis (1) of Severus Alexander; denarius (1) of Maximian; and bronze (1) of Licinius. (Andrea Carignani)

110 BLAND, ROGER. The Last Coinage of Caesarea in Cappadocia. *Ermanno A. Arslan Studia Dicata*. Vol. 1. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 213-258 illus.

The author analytically studies the numismatic history of the last issues of Caesarea in Cappadocia in 240-241, within the context of Gordian III's campaign against the Persians. (Andrea Carignani)

111 BUORA, MAURIZIO. Udine. Civici Musei di Storia ed Arte. Museo Archeologico e Gabinetto Numismatico. *AIIN* Vol. 37 (1990) pp. 167-181 illus.

In the article the author lists the numismatic finds from the site of the Roman villa of Lovaria (Udine). The 71 coins date from the second half of the 3rd century BC to the 4th century AD. (Andrea Carignani)

112 BURSCHE, ALEKSANDER. Znaleziska monet rzymskich z Małopolski. Uwagi na marginesis inwentarze Andrzeja Kunisza [Roman Coin Finds from Little Poland Remarks on Andrzej Kunisz's Inventory]. *WN* Vol. 32 Nos. 3-4 (1988, publ. 1990) pp. 207-214. English summary.

The author presents a number of corrections and addenda to the inventory of Roman coin finds from Little Poland published earlier by Andrzej Kunisz [A. Kunisz, *Znaleziska monet rzymskich z Małopolski* (Wrocław, Ossolineum, 1985)]. (Mariusz Mielczarek)

113 CARLTON, WALKER. The shrine on Mount Eryx. *SAN* Vol. 18 No.

2 (May 1991) p. 5 illus.

The author describes the reverse of a Roman Republican silver denarius, Moneyer C. Considius Nonianus, ca. 63-62 BC. (Vic Kozik)

114 CARSON, R.A.G. An antoninianus of Postumus and the Gallic mints re-considered. *JNAAs* Vol. 5 (1990) pp. 30-31.

The publication of a coin in the Sydney Mint Museum is linked with a review of the identification of the mints of the Gallic Empire. (Author)

115 CATALLI, FIORENZO. Le trésor de monnaies républicaines. *Musarna (Viterbe)*. Henri Broise and Vincent Jolivet, Eds. *MEFRA* Vol. 102 No. 1 (1990) p. 479.

The author briefly notes an important find from the interior of an ancient building of Musarna. In a ceramic vase were discovered 994 Republican denarii, dating between the 3rd century BC and the first decades of the 1st century BC. The majority of issues, 90% of the coins were collected between the end of the 2nd century and 74 BC, the possible date of deposit. (Andrea Carignani)

116 CATALLI, FIORENZO. Un ripostiglio monetale da Bevagna. *Ermanno A. Arslan Studia Dicata*. Vol. 2. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 311-358 illus.

The author publishes a hoard of 234 silver coinages found at Bevagna in Umbria. The author discusses exclusively the denarii from the first issue to the first decade of the 1st century BC. The deposit should probably be placed in relationship with the dangerous climate connected with the Social War. (Andrea Carignani)

117 CHAVES TRISTAN, F. Los hallazgos numismáticos y el desarrollo de la segunda guerra púnica, en el sur de la Península Ibérica. *Latomus* Vol. 44 (1990) pp. 613-622.

118 CHIARAVALLE, MAILA. Un ripostiglio di monete di fine IV-inizi V secolo d.C. dagli scavi di S. Maria Fulcorina in Milano. *Notizie dal chiostro del monastero maggiore*. Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano. Vol. 43-44 (1989) pp. 91-94.

Thirty (30) Roman bronze coins, found in a Roman well in Milan, are described. The coins are of Valentinian I, Valentinian II, Theodosius I and Arcadius, from the mints of Arles, Aquileia, Rome, Thessalonica and Cyzicus. The hoard was deposited in the first decade of the 5th century, perhaps in connection with the fall of Alaric. (Andrea Carignani)

119 DEPEYROT, GEORGE. Les *POxy*. LI 3628/36: prix et papyri au Bas-Empire. Methodes et approches. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 585-590.

The author examines several papyri found at Oxyrhynchus in Egypt, which fur-

nish important information on the variations in the price of gold between AD 395 and 415 in this region. (Andrea Carignani)

120 ESTIOT, SYLVIANE. Or e billon: l'atelier de Milan sous Aurelien (270-274 AD). *Ermanno A. Arslan Studia Dicata*. Vol. 2 (Milan, Edizioni Ennerre s.r.l. 1991) pp. 449-501 illus.

The activity of the mint of Milan under Aurelian (AD 270-274) is defined by 5 issues of aurei and antoniniani. The author analytically examines these issues on the basis of numerous hoards in northern Italy deposited due to the difficult political and military situation of the epoch. (Andrea Carignani)

121 Estudio de algunos hallazgos numismáticos encontrados en Segovia. *Especio, Tiempo y Forma. Series II.2, Historia Antigua*. (1989) pp. 95-114.

The author publishes 16 coins from Galba to the 4th century.

(Leandre Villaronga)

122 FITZ, JENŐ. Antoninianus éremlelet Nagyvenyimből [The hoard of antoniniani in Nagyvenyim]. *Numizmatikai Közlemény* Vol. 88-89 (1989-1990) pp. 13-39. German summary.

In 1972 a hoard containing 1,233 pieces was discovered and was subsequently sent to the museum. The coins are: Julia Domna, Caracalla, Elagabalus, Balbinus, Gordian III, Philip, Otacilia Severa, Philip Iunior, Decius, Herennia Etruscilla, Herennius Etruscus, Hostilianus, Trebonianus Gallus, Volusianus, Aurelianus, Valerianus, Gallienus, Salonina and Valerianus Iunior. The last year of the coins is 257/58. The author compares this hoard with those of Intercisa and Enying. (István Gedai)

123 FUSI ROSSETTI, ANTONIO. I simboli nella prima monetazione romano repubblicana. *Ermanno A. Arslan Studia Dicata*. Vol. 2 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 291-310 illus.

The author studies the significance of the symbols on Republican coinage in the period between the Pyrrhic epoch and the first Macedonian War (3rd-beginning of the 2nd century BC). Originally considered as forms of identification and propaganda, the function of the symbol is progressively transformed to that of familial relationships of different military commanders or monetary magistrates. (Andrea Carignani)

124 GARA, ALESSANDRA. Un piccolo bronzo augusteo della zecca di Alessandria. *Ermanno A. Arslan Dicata*. Vol. 1 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 205-213 illus.

The author presents a small bronze of Augustus issued by the mint of Alexandria in AD 9-10 with the type corresponding to different dies issued by the same mint.

(Andrea Carignani)

125 GARCIA BELLIDO, M. PAZ. El tesoro de Mogente y su entorno

monetal. *Estudis Numismatica Valenciana* No. 5 (1990).

126 GAUTIER, GEORGES. Tetrarchic Silver Coins in the Collection of the Hungarian National Museum. *Numizmatikai Közöny* Vols. 38-39 (1989-1990) pp. 49-53. Hungarian summary.

The author publishes 24 silver coins of Diocletian, Constantine Chlorus, Maximianus Herculus and Galerian Maximianus. These types were previously unpublished. The mints are: Siscia, Serdica, Thessalonica, Heraclea, Antiochia and Alexandria. (István Gedai)

127 GORINI, GIOVANNI. Ancora monete di Ballaios dalla Puglia. *RIN* Vol. 92 (1990) pp. 319-323.

The author notes numerous finds—all isolated—from different localities of the Puglia. The author confirms the date 190-168 BC for the series of Ballaios. (Sara Sorda)

128 GORINI, GIOVANNI. Due frammenti di lingotti d'argento del IV secolo dalla laguna di Venezia. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 607-614 illus.

The author examines 2 fragments of silver ingots found in the lagoon of Venice in association with ceramic material dating to the 4th century AD. On the surface of one of the ingots appears the portrait of a diademed emperor; on the other, the possible portrait of Magnentius. (Andrea Carignani)

129 HERRERO ALBIÑANA, C. Un Aureo del emperador Probo del MAN. *GacNum* Vol. 99 (1990) pp. 11-15.

130 HOLM, ARNE E. Littom keiserkransens bård [Something About the Laurel Wreath Ends on Roman Imperial Coins]. *NNUM* Vol. 3 (April 1991) pp. 46-54 illus.

The author surveys the different ways to arrange the laurel-wreath ends on the Roman imperial coins, concentrating on those struck in Alexandria and also in Rome and Lyon. Beginning with the catalogue by J.G. Milne, he compares these ends on the coins from Diocletian and Maximianus, emperors who reigned simultaneously. (Bengt E. Hovén)

131 HUVELIN, HÉLÈNE. L'atelier d'Antioche sous Claude II. *NumAnt-Clas* Vol. 19 (1990) pp. 251-271 illus.

The author reconstructs the activity of the mint of Antioch under the rule of Claudius the Goth (268-270). On the basis of the composition of several hoards three issues of aurei and antoniniani can be differentiated. These last coins seem to have a fine silver grade of 4 or 5 times greater than those antoniniani struck at Rome, Mediolanum or Siscia. Such a phenomenon, although occurring in a limited area of circulation, is particularly remarkable for the fact that the Antioch coinage had

a value and an exchange rate greater than that struck in other imperial mints.

(Andrea Carignani)

132 ILIESCU, OCAVIAN. Sur les monnaies d'or á la legende ΚΟΣΩΝ. *NumAntClas* Vol. 19 (1990) pp. 185-214 illus.

The author discusses several problems arising from the gold issues with the legend ΚΟΣΩΝ, struck by a Geto-Dacian king in the course of the second half of the 1st century AD. The coins seem to be a hybrid product of a transitional era. From a metrological point of view the coins are directly related to the staters issued by the Greek cities of Tomis and Callatis; the iconography reveals Roman influence, resembling types of several late Republican denarii.

(Andrea Carignani)

133 ILISCH, PETER. Die Münzen aus dem Körpergrab von Herzebrock-Clarholz. *Theoria cum praxi. Festschrift zum 65. Geburtstag von Gernot Jacob-Friesen am 15. Mai 1991. Die Kunde. Zeitschrift für Ur- und Frühgeschichte. N.F. Vol. 41/42 (1990/1991) pp. 444-445.*

During the excavation of a 5th century cemetery a silver coin, probably from a boy's grave, was discovered. The coin, though very badly corroded, can be identified as the same type as found previously in Graben-Neudorf.

(Author)

134 ILISCH, P. Die Münzen aus den Ausgrabungen im Lager Oberaden. *Bodenaltertümer Westfalens. Vol. 26. Die römische Okkupation nördlich der Alpen zur Zeit des Augustus. Kolloquium Bergkamen 1989, Vorträge.* (Münster, Verlag Aschendorff, 1991) pp. 141-147 illus. ISBN 3-402-05139-7; ISSN 0523-8013.

The coins found during the excavation in the Roman military camp of Oberaden, constructed in 11 BC and deserted in 7 BC, are analyzed. Out of 283 identifiable *aes*, 91 percent are from the colony of Nemausus, whereas the ROMETAVG series, struck in Lugdunum, is missing. A large number of these coins are counterstamped, mostly with a small wheel—often found in other early camps in the Rhinelands. The small Celtic bronzes, usually attributed to the Aduatici, are represented by only one coin, possibly three—in contrast to later camps where the ROMETAVG coinage is abundant.

(Author)

135 KACZANOWICZ, WIESŁAW. *Aspekty ideologiczne w rzymskim mennictwie lat 235-284 n.e.* [The Ideological Aspects in the Roman Minting of the Years AD 235-284]. (Katawice, Uniwersytet Śląski, 1990) 128 pp. illus. English and Russian summaries.

Individual ideological concepts of the emperors and usurpers of AD 235-284 are considered in the light of the coins. Numismatic material (analyzed according to special criteria defined by the author, and dated to the years 235-238, 238-244, 244-249, 249-253, 253-268, 268-275, 275-276, 276-284) is discussed. General reflections on the ideas promulgated by means of the coins during the crisis of the Roman Empire are presented in the conclusion.

(Mariusz Mielczarek)

136 KING, CATHY E. The Mint of Milan AD 260-268. *Ermanno A. Arslan*

Studia Dicata. Vol. 2 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 419-448.

The author describes the intense activity of the mint of Milan under Gallienus (260-268). The significance of the mint in this period is its role within a military center. (Andrea Carignani)

137 KISZA, WŁODZIMIERZ. Znaleziska monet rzymskich z terenu Polski w zbiorach Muzeum Uniwersytetu Jagiellońskiego [Roman Coin Finds from the Territory of Poland as Included in the Jagiellonian University Collection]. *OPMus* Vol. 4 (1990) pp. 109-122 illus. English summary.

Roman coins found in Poland in the 19th century, and now kept in the Jagiellonian University Museum in Cracow, are published. (Mariusz Mielczarek)

138 KOLENDO, JERZY. Nieznane znaleziska monet rzymskich w materiałach z archiwum owarzystwa Warszawskiego Przyjaciół Nauk (1800-1832) [The Unknown Findings of Roman Coins in the Material of the Archives of the Warsaw Society of Friends of Sciences (1800-1832)]. *WN* Vol. 32 Nos. 3-4 (1988, publ. 1990) pp. 169-184. English summary.

Thanks to the archives of the Warsaw Society of the Friends of Sciences (active in the years 1800-1832), 12 unknown finds of Roman coins from Poland and the Ukraine are listed. In the appendix the data on 3 coin finds registered by the Scientific Society at the Voivodo School of Płock (active between 1820 and 1830) are added. (Mariusz Mielczarek)

139 KROMANN, ANNE. Recent Roman coin finds from Denmark. Supplement to Breitenstein and Balling. *NNÄ* (1983-84) pp. 59-121 illus.

The author catalogues finds of Roman coins in Denmark up to 1984. Most coins are illustrated. The present catalogue continues the earlier works by Breitenstein and Balling in *NNÄ* 1942, 1944, 1946, 1962. (Ulla Westermarck)

140 KRUSZTŃSKI, MIROSŁAW. Zaginiony skarb denarów rzymskich z Kielecczyny [The Lost Hoard of Roman Denarii from the Kielce Region]. *WN* Vol. 32 No. 3-4 (1988, publ. 1990) pp. 195-201 illus. English summary.

The author publishes 40 denarii dated to the 1st and 2nd century AD, which were part of a hoard originally containing ca. 50-60 coins and discovered between 1900 and 1925 in an unknown place between Jędrzejów and Kielce (Poland). In the author's opinion, these coins seem to be identical with the hoard of Miedzianka, Voivodo of Kielce, Poland, mentioned in the relevant literature. (Mariusz Mielczarek)

141 KRZYŻANOWSKA, ALEKSANDRA. Remarques sur la circulation monétaire en Égypte du IV^e au VII^e siècle. *Coptic Studies. Acts of the Third International Congress of Coptic Studies, Warsaw, 20-25 August 1984*. (Varsovie, Państwowe Wydawnictwo Naukowe, 1990) pp. 209-210.

The coins discovered during the excavations at Tell Atrib are the basis for the study of coin circulation in Egypt in the period from the 4th to the 7th century. Remarks

on the circulation of Ptolemaic coins and the later coins of the 1st-3rd centuries are also included. (Mariusz Mielczarek)

142 KUNISZ, ANDRZEJ. Obieg monetarny w Cesarstwie Rzymskim w I-IV wieku - cechy charakterystyczne [Monetary Circulation in the Roman Empire from the 1st to the 4th Century AD - Characteristic Features]. *Prac-Mat* Vol. 9 (1989, publ. 1990) pp. 15-31. English summary.

The author presents, on the basis of much documentation, the characteristic features of the coin circulation in the Roman Empire. Three periods are described: Early Empire (27 BC-AD 192); the time of crisis (AD 193-284); the epoch of the late Empire (AD 300s). (Mariusz Mielczarek)

143 LACAM, G. A new consular solidus in the name of Valens from the mint of Antioch. *NC* Vol. 150 (1990) p. 237.

An unpublished consular solidus of Valens, struck at Antioch, has on the reverse the standing figures of Valens and Valentinian II. The coin should be dated to their joint consulship in AD 378. (K. Rutter)

144 LACAM, GUY. Des siliques inconnues de Valentinien III. *RIN* Vol. 92 (1990) pp. 157-169 illus.

Five coins (of which 3 were isolated) from the French-Spanish zone in the western Pyrenees are discussed by the author. For two the author proposes the date 443-444 from the mint of Zaragoza; for the other the date 454 from the mint of Toulouse. (Sara Sorda)

145 LALLEMAND, JACQUELINE. La pénétration des monnaies de la première moitié du III^e siècle dans quelques vici du nord de la Gaule. *NumAntClas* Vol. 19 (1990) pp. 241-250 illus.

On the basis of a particular method of calculation the author compares the evidence of monetary penetration in the Antonine period with that of the period between the Severan and the mid-3rd century in several villages in Belgic Gaul. (Andrea Carignani)

146 LIBERO MANGIERI, GIUSEPPE. La villa romana di Minori: il dato numismatico. *Apolla. Bollettino dei Musei Provinciali del Salernitano* Vol. 6 (1985-1988) (Salerno, 1990) pp. 165-194 illus.

The author presents 81 Roman imperial and medieval coins found in the excavations of the Roman villa of Minori, the most important time for the rural settlement on the Amalfi coast. The numismatic material in the Museo Archeologico Provinciale of Salerno is examined with archival material. The Roman coinage dates from Domitian to Honorius, while the medieval belongs to the 13th century. On the basis of the concentration of the coinage—mostly of the 4th century AD—the author proposes a significant continuity in the life of the city, even with the eruption of Vesuvius in AD 79. (Andrea Carignani)

147 LIBERO MANGIERI, GIUSEPPE. Monete rinvenute negli scavi di Velia: l'Acropoli. *RIN* Vol. 92 (1990) pp. 19-22 illus.

130 coins—most (63) from the local mint, in addition to a strong presence of Roman imperial coins (19), particularly the 4th century, as well as medieval coinage—provide evidence of the vitality of the site in the late antique and subsequent periods. (*Sara Sorda*)

148 LIBERO MANGIERI, GIUSEPPE. Soprintendenza Archeologica delle Province di Salerno, Avellino e Benevento. *AIIN* Vol. 37 (1990) pp. 203-237 illus.

Three finds are discussed. From the excavation of the hellenistic theater of Sarno comes ca. 60 coins, dating between the 4th century BC and AD 351-354. At Nocera was found a hoard of 500 late imperial bronzes of which only 54 are legible (from Maximian to Honorius). From the ancient habitation of Atripalda a group of 86 bronze coins, dating between AD 333 and 348.

(*Andrea Carignani*)

149 MARINAZZO, ANGELA. Denari e quinari romano-repubblicani nel Museo di Brindisi. Collezione civica. *Ricerche e studi. Quaderni del Museo Archeologico Provinciale "Francesco Ribezzo" di Brindisi* Vol. 13 (1980-1987) (Brindisi, 1988) pp. 121-143 illus.

The author publishes Roman Republican denarii (84) and quinarii (4), sporadic finds, found in the collection of the Museo di Brindisi. The coins, dating between 155 and 43 BC, were issued by the mints of Rome, Spain and Narbonne.

(*Andrea Carignani*)

150 MARQUES DE FARIA, A. Dos tesouras monetários de época de Augusto Museu Nacional de Arqueologia e Etnologia. *Arqueologo Português* Vol. 5 (1987) pp. 193-198.

The hoard comprises 3 Republican denarii and 5 Imperial denarii.

(*Leandre Villaronga*)

151 MARTINI, RODOLFO. Le emissioni bronzee di Iulius Caesar a nome dei prefetti C. Clovius e Q. Oppius. *Ermanno A. Arslan Studia Dicata* Vol. 2 (Milan, Edizioni ennerre s.r.l., 1991) pp. 369-378 illus.

The author proposes to place in relationship, and to consider the work of a single engraver, two issues of orichalcum, struck with the names of two praefects C. Clovius and Q. Oppius in the year 45 BC.

(*Andrea Carignani*)

152 MASTELLONI, MARIA A. Soprintendenza Archeologica della Calabria. *AIIN* Vol. 37 (1990) pp. 307-323.

The author publishes a hoard of 54 antoniniani found near Reggio Calabria, deposited ca. AD 316-317. The hoard contains coinage from Gallienus to Constantine.

(*Andrea Carignani*)

153 MATTINGLY, HAROLD B. The Roma/Victory ROMANO Didrachms and the Start of Roman Coinage. *Ermanno A. Arslan Studia Dicata*. Vol. 2 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 261-290 illus.

In this article the author defines the succession of the first Roman issues from 285 BC. In this context the didrachm with type Roma/Victory and ROMANO legend was struck in the mid-3rd century. (Andrea Carignani)

154 MIRNIK, IVAN. The 1932 Garešnika Hoard. *Ermanno A. Arslan Studia Dicata*. Vol. 2. (Milan, Edizioni Ennerre s.r.l., 1991) pp. 399-407 illus.

The author discusses the hoard found in 1932 at Garešnika in Croatia, now housed in the Museo Archeologico of Zagreb. The hoard, comprising 37 denarii (from Vespasian to Hadrian), seems to have been deposited after AD 122.

(Andrea Carignani)

155 MITKOWA-SZUBERT, KUNKA. Skarb rzymskich denarów z nieznaney miejscowości w zbiorach PMA w Warszawie [The Hoard of Roman Denarii of an Unknown Locality in the Collection of the State Archaeological Museum in Warsaw]. *WN* Vol. 32 No. 3-4 (1988, publ. 1990) pp. 190-194 illus. English summary.

26 Roman coins of the 2nd century AD housed in the collection of the State Archaeological Museum in Warsaw are published. In all probability the coins are part of a larger hoard discovered in Poland.

(Mariusz Mielczarek)

156 MORELLI, ANNA LINA. Museo Archeologico Nazionale de Ferrare. Rinvenimenti monetali dalla necropoli e dal territorio di Voghenze (Ferrare). *AIVN* Vol. 37 (1990) pp. 185-198.

The author catalogues 53 coins found during the excavation at Voghenze (Ferrara) between 1976 and 1984. The coins are: 26 from the necropolis (Claudius to Maximinus Thrax), 13 from the settlement (from Tiberius to Valentinian II) and 14 sporadic finds (from Augustus to Valentinian I).

(Andrea Carignani)

157 NATKAŃSKI, KAROL E. Kolekcja monet "roku czterech cesarzy" i władców dynastii flawijskiej w zbiorach Muzeum Archeologicznego i Etnograficznego w Łodzi [Collection of Coins from the Periods of "Four Emperors' Year" and Flavian Dynasty in the Archaeological and Ethnographical Museum in Lodz]. *PracMat* Vol. 9 (1989, publ. 1990) pp. 33-39 illus. English summary.

The author publishes coins of Vindex (1), Galba (6), Otho (5), Vitellius (4), Vespasian (59), Titus (30) and Domitian (38). Of the 15 coin finds, 13 come from Poland, 1 from Byelorussia and 1 from Israel.

(Mariusz Mielczarek)

158 ORLANDONI, MARIO. Imitazioni di monete romane in bronzo emesse fra il IV ed il V sec. a.C. rinvenute negli scavi archeologici in Valle d'Aosta. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l.,

1991) pp. 615-622 illus.

The crisis of the empire in the 4th and 5th centuries often left the central government out of control. At this time the outlying areas struck anomalous issues and imitations of official coins. The author examines the case of Valle d'Aosta, a trade area and strategically important for the passage of soldiers, and the unofficial coinage found in the region.
(Andrea Carignani)

159 OSANNA, MASSIMO. Di un nuovo frammento di "aes signatum" nella necropolis di Lavello. *AIIN* Vol. 37 (1990) pp. 331-333 illus.

The author publishes a bronze bar on which is impressed the symbol of a "dry branch," found in a ditch grave of late imperial times in the necropolis of Lavello (Potenza).
(Andrea Carignani)

160 ÓVÀRI, FERENC. Philippus antiochiae veretū antoninianusairól [About the Antoniniani of Philip Minted in Antioch]. *Numismatikai Közlöny* Vol. 88-89 (1989-1990) pp. 41-48. English summary.

On the basis of hoard analysis, the author determined that the rate of coins of Philip minted in Rome and Antioch was 3578 to 116. A catalogue of antoniniani of Philip I and II and Otacilia minted in Antioch is given.
(István Gedai)

161 PENNESTRI, SERAFINA. Alla ricerca dei *nummi veteres regii*. *AIIN* Vol. 37 (1990) pp. 335-344.

On the basis of a passage of Suetonius, taken from the anonymous author of the *de rebus bellicis*, the author questions the significance of the expression *nummi veteres regii*, connected with the religious festivities characterized by the Saturnalia during which, in the Augustan Age, these coins were distributed.
(Andrea Carignani)

162 PERASSI, CLAUDIA. Il ripostiglio di monete romane repubblicane di Cernago (PV). *RArch Antica Como* Vol. 170 (1988) pp. 7-145 illus.

The author publishes in two parts the catalogue of the hoard of Cernago, found in 1941, comprising 654 Roman Republican denarii. The coinage belongs to the period between the final years of the 3rd century BC and the third decade of the 1st century BC. The author discusses this hoard within the context of monetary circulation of the Lomellina in the 1st century BC.
(Andrea Carignani)

163 PROSPERI VALENTI, GIUSEPPINE. Monete romane da una collezione privata cinquecentesca. *RIN* Vol. 92 (1990) pp. 147-156.

The author discusses 10 Republican coins and 89 imperial coins from a collection established in 1500 by the Visconti family at Trevi in Umbria.
(Sara Sorda)

164 SALAMA, PIERRE. Les monnaies récoltées en 1974. *Il Castellum del Nador. Storia di una fattoria fra Tipasa e Caesarea (I-VI sec. d.C.)*. L. Anselmino, M. Bouchenaki, A. Carandini et al., Eds. Monografie di Archeologia Libyca, Vol. 23. (Rome, L'Erma di Bretschneider, 1989) pp. 94-100 illus.

From the examination of the 1,131 numismatic finds of the excavation of Nador (Tipasa, Algeria) emerges a chronological homogeneity. The coinage, ranging from Gallienus to the Vandals, furnishes a perspective on the regional economy until the abandonment of the site.
(*Andrea Carignani*)

165 SAVIO, ADRIANO and ODDONE, MASSIMO. Ancora sul titolo del tetradramma alessandrino di Nerone. *NumAntClas* Vol. 19 (1990) pp. 235-240 illus.

New neutron activation analysis confirms the results of previous research (*RIN* Vol. 91 [1989] pp. 131-150) conducted by the authors on the variations of the fineness of silver in the Alexandrian tetradrachms of Nero following the monetary reform of AD 64. After substantial stability of the silver registered in 64-65 follows a reduction in the first year after the reform and a reduction in AD 67.

(*Andrea Carignani*)

166 SAVIO, ADRIANO. Intorno al catalogo definitivo delle monete di Milano. *Archivio Storico Lombarda* Vol. 114 (1988) (Milan, Cappelli editore, 1989) pp. 407-425.

The author develops several considerations in the 2nd volume of the work of Carlo Crippa (*Le monete di Milano dai Visconti agli Sforza, dal 1329 al 1535*, Milan, 1986) which reopens the debate concerning the activity of the mint of Milan. (*Andrea Carignani*)

167 SCARPIGNATO, MARISA. Su Bettona preromana: documenti inediti da un carteggio ottocentesco. *Annali della Facoltà di Lettere e Filosofia, Università degli Studi di Perugia. 1. Studi Classici* Vol. 24 (1987/1988, publ. 1991) pp. 235-244 illus.

Pio Biancalana, learned in the local history of Bettona (PG) wrote to Filippo Senesi, a resident of another city, including illustrations of several archaeological finds in Bettona. Among the other objects were listed 300 Roman imperial coins found in the excavation of a square building, dating from Augustus to Constantine. Among them was a Greek bronze from Bithynia of Philip the Arab. Briefly noted was a find in the same locality of "very many" other coins, fragments or plated.

(*Sara Sorda*)

168 SCHALLMAYER, EGON. Fortsetzung der Ausgrabungen auf dem Kappelhofplatz von Pforzheim. *Archäologische Ausgrabungen in Baden-Württemberg 1990*. (Stuttgart, Landesdenkmalamt 1991) pp. 141-145 illus.

The provisional excavation report mentions and illustrates a hoard of 8 denarii from Vespasian to Marcus Aurelius.

(*Peter Ilisch*)

169 SCHÖNERT-GEISS, EDITH. Das moesisch-thrakische Währungssystem in der römischen Kaiserzeit. *Klio* Vol. 72 No. 1 (1990) pp. 3-105.

A metrological study on the weights and standards of the imperial coinages in Thrace and Moesia inferior.

(*Author*)

170 SCHÖNERT-GEISS, EDITH. Die Befestigungsanlagen von Augusta Traiana (Stara Zgora). *Berliner Numismatische Forschungen* Vol. 2 (1988) pp. 9-15.

Many coins of Augusta Traiana depict the gate of the city in Roman times. These dated types reflect two phases of building in the 2nd and 3rd century AD.

(Author)

171 SERAFIN PETRILLO, PATRIZIA. Le monete. *Santuario degli Equicoli a Corvara*. A.M. Reggiani Massarini, Ed. Lavori e Studi di Archeologia, Soprintendenza Archeologica di Roma. (Rome, De Luca ed., 1988) pp. 71-77 illus.

The author publishes a group found in Corvaro, housed in the Medagliere of the Museo Nazionale Romano. The small hoard comprises 13 Roman Republican denarii and 1 gem, which depicts a nude warrior with chlamys, lance and an animal (perhaps a bird). The coinage belongs to the period between 165 and 79 BC.

(Andrea Carignani)

172 *Sylloge Nummorum Romanorum. Italy. Milano, Civiche Raccolte di Numismatica. 1. Giulio-Claudii, 1-3.* R. Martini, Ed. (Milan, Comune ed. 1990) 575 pp. illus.

173 TOMASONI, PAOLA. Rinvenimenti monetali di età romana a Cremona e nel territorio cremonese. *RIN* Vol. 92 (1990) pp. 129-146 illus.

The author publishes a list of finds—both casual and from excavations, isolated or in context. The northern part of the Cremasco is rich in finds, and the majority of the finds range from the 2nd to the 4th century AD; the finds of the central-eastern zone of the province are more sparse and range from the Republican period to the first century of the empire.

(Sara Sorda)

174 TRAVAGLINI, ADRIANA. Denari romano repubblicani nel Museo di Brindisi. Collezione Marzano, collezione De Leo. *Ricerche e studi. Quaderni del Museo Archeologico Provinciale "Francesco Ribezzo" di Brindisi*. Vol. 13 (1980-1987) (Brindisi, 1988) pp. 145-174 illus.

The numismatic section of the Marzano collection comprises, among other things, 101 Roman Republican silver denarii struck during the course of the second half of the 2nd century BC. Included among the examples presented in the article are numerous other denarii and quinarii grouped in 235 issues struck between the 2nd and 1st century BC belonging to the collection of Leo. The collections are in the Museo Archeologico Provinciale of Brindisi.

(Andrea Carignani)

175 TRAVAGLINI, ADRIANA. La monetazione di Orra. *Studi di Antichità* Vol. 6 (Galatina, Congedo ed., 1990) pp. 235-255 illus.

The author discusses typological, epigraphical and weight aspects of the coinage of the Orra mint (Oria), a center which struck bronze coinage for the warring powers beginning in the Hannibalic Age. After the Roman conquest and throughout the

3rd century BC, the issues of the city retained a subsidiary role in comparison with the weight standards of the coinage of Rome. (Andrea Carignani)

176 TUNIA, KRZYSZTOF. Aureus Galliena z Działoszyce, woj. kieleckie [The Aureus of Gallienus from Działoszyce, Voivodship of Kielce]. *WN* Vol. 32 Nos. 3-4 (1988, publ. 1990) pp. 202-206 illus. English summary.

An aureus of Gallienus found before 1914 in Działoszyce, Little Poland, is presented. Other aurei of Gallienus from Polish finds are mentioned. Since the coin from Działoszyce has a hole, holed Roman coins are discussed. (Mariusz Mieczanek)

177 TUSA CUTRONI, ALDINA. La Zecca di Palermo nella prima età imperiale. *Palermo in età imperiale romana. Kokalos*. Vol. 33 (1987) pp. 275-288 illus.

In a brief note the author traces the coinage of Palermo in the Imperial age. Examining all the Augustan coinage, the author proposes to extend the activity of the mint to the subsequent age of Tiberius—a limited activity of three monetary series: veiled Livia, a tetrastyle temple, radiate head of Augustus and capricorn.

(Andrea Carignani)

178 TZAFERIS, V. and AVNER, R. The Excavations at Banias. *Qadmoniot* Vol. 23 No. 3-4 (1990) pp. 110-114. In Hebrew.

The changes in the name of Banias on the Golan are discussed as they appear on coins of Agrippa II and later Imperial issues. (Arnold Späer)

179 USALA, MARINA. Aspetti della crisi monetaria nel cinquantennio dell'anarchia militare (235-284 d.C.). *Seia. Quaderni dell'Istituto di Storia antica*, Vol. 3 (1986) (Palermo, Università degli Studi di Palermo, 1990) pp. 93-105.

The author discusses the principal characteristics of the monetary crisis and economic stagnation of the 3rd century preceding the reform of Diocletian—this intervention was only the last of attempted failures adopted by the central power to cope with the general crisis. (Andrea Carignani)

180 VAN DER VIN, P.A. JOS. L'inaugurazione di Costantinopoli. Il maggio 330 d.C. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 591-605 illus.

In the Gabinetto Numismatico di Leida is housed a gold medallion of the weight of 9 solidi struck at Constantinople in AD 330. The example depicts on its obverse the portrait of Constantine I and on its reverse the portrait of the emperor enthroned. The author connects the issue of the piece to the ceremony of the inauguration of the new city of Constantinople in May 330. (Andrea Carignani)

181 VANNI PECCATORI, FRANCA MARIA. Il tesoro di Modigliana (Forlì). *BollNum* Vol. 12 (1989) pp. 7-198 illus.

The author publishes a hoard found in 1901 in the territory of Modigliana in the Apennines and acquired by the cabinet of the Museo Archeologico of Florence in 1906. The hoard comprises 789 antoniniani from different mints, dating between 255 (Valerian) and 284 (Numerian). Most of the coins date specifically between Aurelian and Probus.
(*Andrea Carignani*)

182 VANNI, FRANCA MARIA. La monetazione de Leptis Magna. *RIN* Vol. 92 (1990) pp. 33-64 illus.

The bronze coinage—struck for a brief time in the second half of the 1st century BC to the age of Tiberius—has a “Punic” phase when the name of the city is inscribed in Punic letters, and a “Roman” phase when imperial types are used. The author catalogues the examples.
(*Sara Sorda*)

183 VISMARA, NOVELLA. *Il ripostiglio di Arluna* (Milan, Comune/Civiche Raccolte Numismatiche ed., 1990) 32 pp. illus.

139 coins, ranging from Nero to Septimius Severus, from a hoard found in 1951, are discussed. A countermarked Roman issue of Trajan and 2 Greek Imperial coins are in the hoard.
(*Sara Sorda*)

184 WEDDIG, HAROLD. Radiates and other Imitations of Roman Coins. *SAN* Vol. 18 No. 2 (May 1991) pp. 50-51 illus.

Barbarous imitations appeared whenever and wherever supplies of authentic issues were scarce.
(*Vic Kozik*)

185 WEIGEL, RICHARD D. Gallienus's ‘Animal Series’ Coins and Roman Religion. *NC* Vol. 150 (1990) pp. 135-143 illus.

The author examines the temples and cults of the nine gods represented by animals in a series of coins issued at the Roman mint during the last year of Gallienus's reign. The gods selected were those who had repeatedly come to Rome's defense in the past and whose cults were featured by *Graecus ritus* sacrifice and celebrated with *ludi circenses*. Apparently the coins were issued for a multi-purpose public celebration that (1) requested assistance from protective deities to ward off pestilence and military invasion and (2) also served as entertainment for the common people of Rome, whose numbers alone presented another threat to the security of the regime. (*Author*)

186 WINSEMANN FALGHERA, ERMANNIO. Note sulla falsificazione di un asse della Repubblica romana. *Ermanno A. Arslan Studia Dicata*. Vol. 2 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 359-367 illus.

After underlining the differences between forgeries and imitations, the author considers a forged *as* of the Roman Republic—head of Janus on obverse/prow on reverse—found in trade.
(*Andrea Carignani*)

187 ZEDELIUS, VOLKER. Agrippa statt Nero. *Ermanno A. Arslan Studia Dicata*. Vol. 2 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 379-384 illus.

The author presents 2 asses, in Bonn, engraved with the name and portrait of M. Agrippa, struck in the Neronian epoch. *(Andrea Carignani)*

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 1, 2, 5, 9, 10, 13, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 29, 30.

Greek, Nos. 39, 69.

Punic, Nos. 88, 89.

BYZANTINE

188 BENDALL, SIMON. Some unpublished late Byzantine coins. *NCirc* Vol. 98 No. 9 (Nov. 1990) pp. 314-315 illus.

Three billon tornese, probably of the 1330s, are published. *(Edward Besly)*

189 HAMPARTUMIAN, NUBAR. The coin collection of the Barber Institute of Fine Arts, University of Birmingham. *SCMB* No. 857 (Jan./Feb. 1991) pp. 3-6 illus.

190 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 62. *NI* Vol. 25 No. 8 (Aug. 1990) p. 178 illus.

This installment discusses the career of Theodore Mangaphas, a usurper based in Philadelphia (1189-1190, 1204-1208). *(Joseph Uphoff)*

191 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 63. *NI* Vol. 25 No. 9 (Sept. 1990) pp. 208-211 illus.

This installment discusses the reign and coinage of Alexius III (1195-1203). *(Joseph Uphoff)*

192 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 64. *NI* Vol. 25 No. 10 (Oct. 1990) p. 232.

This installment discusses the joint reign and coinage of Isaac II and Alexius IV (1203-1204). *(Joseph Uphoff)*

193 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 65. *NI* Vol. 25 No. 11 (Nov. 1990) p. 261.

This installment discusses the reign of Alexius V (1204). *(Joseph Uphoff)*

194 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 66. *NI* Vol. 25 No. 12 (Dec. 1990) p. 287.

This installment discusses the political successor states to the Byzantine Empire after the Siege of 1204.
(Joseph Uphoff).

195 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 67.
NI Vol. 26 No. 2 (Feb. 1991) pp. 36-44 illus.

The reigns and coinage of the Latin Emperors of Constantinople are discussed.
(Joseph Uphoff)

196 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 68.
NI Vol. 26 No. 3 (March 1991) p. 53.

The reigns of the Latin Emperors of Thessalonika (1204-1222) are discussed.
(Joseph Uphoff)

197 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 69.
NI Vol. 26 No. 4 (April 1991) pp. 90-95 illus.

The reign and coinage of Theodore Ducas, despot of Epirus (1222-1230) are discussed.
(Joseph Uphoff)

198 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 70.
NI Vol. 26 No. 5 (May 1991) pp. 116-119 illus.

The reign and coinage of Manuel Angelus Ducas, despot of Epirus (1230-1232) are discussed.
(Joseph Uphoff)

199 KUTCHER, R.R. An Introduction to Byzantine Coinage, No. 71.
NI Vol. 26 No. 7 (July 1991) pp. 167-173 illus.

The reign and coinage of John Angelus Ducas, Emperor (1232-1243), despot of Epirus (1243-1244), is discussed.
(Joseph Uphoff)

200 MAROT SALES, T. Monedes vandaes i bizantines a Pollentia. *Gac-Num* Vol. 99 (1990) pp. 29-34.

For additional references to Byzantine numismatics, see the following abstracts:

General, Nos. 5, 15, 20, 24, 26, 29, 30.

Roman, No. 118.

Near and Middle East, No. 205.

ANCIENT NEAR EAST

201 ASSAR, G.R. Some new coins of Vologases V. *NCirc* Vol. 98 No. 10 (Dec. 1990) p. 348 illus.

- 202** SCHMITT-KORTE, KARL. Nabatean coinage - Part II. New coin types and variants. *NC* Vol. 150 (1990) pp. 105-133 illus.

The study increases Meshorer's corpus from 205 types to almost 300. No Nabataean coins can be demonstrated prior to the reign of Aretas III in Damascus (84 B.C.). The anonymous bronze with the crested head of Athena appears to cover the entire period from Aretas III to Aretas IV. Obodas III is represented with 13 new issues, among them a silver coin reading **Benedictions by Dushara**, the first reference to a deity on Nabataean coins. All coins of Syllaeus are now shown to be joint issues with Aretas IV. The confusing groups of small bronzes from both rulers are presented in a rearranged tabulated form. The occurrence of a sign **X** dates the marriage of Aretas IV and Shaqilat to his 25th year (AD 16/17) and closes one of the gaps in the chronology of the kings of Nabataea. (Author)

NEAR AND MIDDLE EAST

- 203** ARDA, TEVFIF SENO. Classification and Characteristics of Turkish Republican Coinage. *NI* Vol. 26 No. 3 (March 1991) pp. 66-71.

An overview of Turkish coins minted since 1917 is presented. (Joseph Uphoff)

- 204** AREFIEV, V. Russian works on Islamic numismatics - Review Article. *NCirc* Vol. 98 No. 6 (July/Aug. 1990) pp. 202-204.

- 205** BARTCZAK, ANDRZEJ. Mennictwo kalifatu przed i w okresie wprowadzania reform Abd al-Malika ibn Marwana (685-705 r.) [The Coinage of the Caliphate Before and During the Time of the Introduction of Reforms of Abd al-Malik b. Marwan (AD 685-705)]. *WN* Vol. 33 Nos. 1-4 (1989) pp. 1-11 illus. English summary.

The successful monetary system reforms of the years 685-705 consisted in: coin unification in their typology, restriction and then complete disposal of figural representations, acceptance of a uniform metrological system (gold dinar and silver dirhem). Introduction of new gold coins (696/697) and silver ones (698/699) were preceded by various transitory emissions called Arab-Sāsānian and Arab-Byzantine.

(Marta Męclewska)

- 206** CARDITOL, L.; MARTINEZ, C.; SEVILLA, C. Un hallazgo de moneda islámica en Baene (Córdoba). *Jarique* Vol. 2 (1990) pp. 287-296.

- 207** CZAPKIEWICZ, MARIA; JAGODZINSKI, MAREK; and KMIETOWICZ, ANNA. Arabische Münzen aus einer Frühmittelalterlichen Handwerker- und Handelssiedlung in Janów Pomorski, gem. Elbląg. *Folia Orient* Vol. 25 (1988) pp. 157-169 illus.

During archaeological excavations not far from the Baltic shore remains of a settlement and heaps of burnt boats were unearthed. There were remnants of many objects of local and Scandinavian origin, among them two lots of Cufic coins. First, 49 small fragments only, found inside the boats, were: 2 Umayyads, 29 'Abbāsids, 2 imitations and 17 undetermined. The latest was a fragment of al-Mamun dirhem of AD 833. Second group, found in the building, consisted of 11 whole dirhems and 5 fragments: 2 Sāsānids, 13 'Abbāsids (i.e., dirhem of al-Mamun, Damascus, with the name of Muḥammad ben Bajhas, 199 H, and one coin with graffiti) and one undetermined; the latest is also from AD 833/834. It seems to be a savings hoard belonging to the owner of the boats. (Marta Męclewska)

208 CZAPKIEWICZ, MARIA. The Arabic coins from Legnica. *Folia Orient* Vol. 25 (1988) pp. 171-180 illus.

A hoard found in Legnica (Silesia) in 1964 consisted of 76 whole coins, 211 fragments and some silver decorations (71 German deniers and 118 fragments of Otto III and Adelaide, 5 Bohemian deniers and 22 fragments of Dukes Boleslav I and II, 81 fragments of Cufic coins). 32 Arabic pieces were studied: Samanids (19), Buwayhids (2), undetermined (11). The latest is the fragment of Buwayhid coin of Adud ad-Dawla Abu Suga, with the title Tag al-Milla, struck between AD 977-982. (Marta Męclewska)

209 ENDER, C. Taklit Bir İlhanlı Sikkesi [A Fake Ilkhanid Coin]. *Bülten-TürkNumSoc* Vol. 28 (1990) pp. 7-9 illus.

The author concludes that, since the coin has Calif al-Musta'sim's name, the year is 707 H. (Ömer Diler)

210 ESHRAGH, A. SHAMS. *Nokhostin Sekke Haye Emperaturivye Eslam: The Earliest Coinage of the Islam Empire.* (The Author, Estack Co., 28 Shams Abadi Avenue, Isfahan, Iran, 1990) 230 pp. illus. In Persian.

This book is a study of the earliest coinage of the Islamic Empire, beginning with the very first striking up to the end of the Umayyad dynasty, including the Arab-Sāsānian and Arab-Tabaristanian coinage of the 'Abbāsīd period. (Author)

211 FONTENLA BALLESTA, S. Moneda inédita de tipo almohade. *Jari-que* Vol. 2 (1990) pp. 297-304.

212 FONTENLA BALLESTA, S. Un hallazgo numismático en la "Huerta del Nubio" (Lorca, Murcia). *Jari-que* Vol. 2 (1990) pp. 133-146.

213 FROCHOSO, R. Estudio de tipologías de las amonedaciones califales en Medina Zahara. *Jari-que* Vol. 2 (1990) pp. 147-154.

214 GUICHARD, P. Quelques reflexions sur le monnayage des premières Taifas andalouses (1009/400-1059/451). *Jari-que* Vol. 2 (1990) pp. 155-162.

215 HOVEN, BENGT E. Die islamischen Münzen aus dem Hafen von Haithabu. *Berichte über die Ausgrabungen in Haithabu Bericht 27; Das archäologische Fundmaterial V. Neumünster*. K. Schitzel. (Karl Wachholtz Verlag, 1990) pp. 171-176 illus. ISSN 0525-5791; ISBN 3-529-01927-5.

During the excavations of the harbor of the early medieval trading center of Haithabu 14 dirhems were found, ranging from 188 H to after 290 H. Out of 10 'Abbāsid dirhams of Madinat al-Salam, 9 are die-identical. Two 'Abbāsid fragments include a hybrid of two obverses; two Samanid dirhams (one, a fragment) were also found.
(Peter Ilisch)

216 IBRAHIM, T. Note sobre el posible origen del Mancuso de Bonhom. *Jarique* Vol. 2 (1990) pp. 265-266.

217 IBRAHIM, T. Nueves monedas almorávides de tipos Taifas. *Jarique* Vol. 2 (1990) pp. 259-264.

218 IBRAHIM, T. Un dirhem inédito de Muhammad ibn Sa'd'Ibn. *Gac-Num* Vol. 100 (1991) pp. 43-44.

219 KASSIS, H.E. Les Taifes Almoravides. *Jarique* Vol. 2 (1990) pp. 51-92.

220 LACHMAN, SAMUEL. Some remarks about the Ḥamid al-dīn Imāms of the Yemen. *NI* Vol. 26 No. 1 (Jan. 1991) pp. 7-10.

A list of the Imāms including counter-Imāms is presented. The origin of the name Ḥamid al-Dīn is explained. A gold coin of the Imām al-Mutawakkil Yaḥya Ḥamid al-Dīn for circulation is confirmed.
(Author)

221 LASA, C. Hallazgos numismáticos de época islámica: Alcañiz y Zaragoza. *Jarique* Vol. 2 (1990) pp. 249-258.

222 LIVNEH, M. Did the Crusaders Hold Qal'al Nimrud? *Qadmoniot* Vol. 23 No. 1-2 (1990) pp. 63-64 illus.

On the basis of 2 deniers of Baldwin III, the author answers the question of whether or not this site near Paneas in the Golan was in Crusader possession during the 12th century or only built by the Muslims in the 13th century.
(Arnold Spaer)

223 MAC KENZIE, KENNETH M. A Silver Tanka from Jazira. *NI* Vol. 26 No. 1 (Jan. 1991) pp. 11-12.

A tanka, minted ca. 1458 by Ibrahim of the Bukhti, is discussed and illustrated.
(Joseph Uphoff)

224 MAC KENZIE, K.M. Coins Struck in the Name of Sultan Selim III at the Tripoli Mint 1789-1795. *A Festschrift Presented to Gerhard Doerfer on his*

Seventieth Birthday. (Cambridge, 1989) pp. 107-114 illus.

The silver-billon coinage issued during the rule of 'Ali Karamanli and Yusef Karamanli and the usurper 'Ali Burghul is discussed. (Author)

225 MATEU I LLOPIS, F. Morabetinos Iupinos y alfonsinos desde Ramón Berenguer IV de Barcelona a Jaime I de Aragón (1131-1276). *Jarique* Vol. 2 (1990) pp. 93-116.

226 MOTOS GUIRAO, E. and DIAZ GARCIA, A. Hallazgo en Tígar (Granada) de falsos de tipo al-Aglab de finales el emirato. *Jarique* Vol. 2 (1990) pp. 163-176.

227 NAVASCUES V. PALACIO, J. DE. De los almorávides y las cecas de Zaragoza y Tudela. (En torno a un libro sobre la moneda de Navarra). *Jarique* Vol. 2 (1990) pp. 177-180.

228 NAVASCUES, J. Taifas Califales. *Jarique* Vol. 2 (1990) pp. 13-26.

229 ÖLÇER, C. *Sultan Mahmud II Zamanında Darp Edilen Osmanlı Madeni Paraları* [Ottoman Coins Minted During Mahmud II's Reign]. Edited by C. Ender. (Yenilik Basimevi, 1990) 61 pp. illus.

Approximately 155 gold, silver and copper coins are presented in the book. (Ömer Diler)

230 PELLICER I BRU, J. ¿Una moneda híbrida en las fuentes? Dirham andalusí a Qurtubi; Dirhams Dahl Arbe in Arbe im a Arbbe luya. Síntesis de una valoración metrológica-cronológica. *Jarique* Vol. 2 (1990) pp. 201-220.

231 PEREZ SINDREU, F. DE P. Tesorillo de monedas emiral y califal encontrado en Cermona (Sevilla). *Jarique* Vol. 2 (1990) pp. 185-201.

232 PESANT, ROBERTO. A Crusader follis of dubious attribution. *NCirc* Vol. 98 No. 10 (Dec. 1990) p. 350 illus.

The Antioch follis, Schlumberger II.9, is discussed. (Edward Besly)

233 RATAMERO I SERRALVO, F. Sobre els ocultaments de peces almorávides. *Jarique* Vol. 2 (1990) pp. 221-242.

234 RODRIGUEZ LORENTE, J.J. Los Taifas almohades del sureste peninsular. Estado actual de su numismática. *Numisma* Vols. 37-39 (1990) pp. 125-138.

235 ROSSELLO BORDOV, G. Nuevos fulus nazaries halados en el

Castillajo de los Guajares (Granada). *Jarique* Vol. 2 (1990) pp. 267-286.

236 SAENZ DIEZ, J.I. Nueve colección de monedas islámicas del Museo de Albacete. *Jarique* Vol. 2 (1990) pp. 243-248.

237 SAKAR, A. 4 Adet Mangir [4 Copper Coins]. *BültenTürkNumSoc* Vol. 28 (1990) pp. 18-20 illus.

238 SOLER I BALAGUERO, M. Emisiones en la Marca superior de al-Andalus. *Jarique* Vol. 2 (1990) pp. 27-50.

239 UPHOFF, JOSEPH. Islamic Portraiture on Coins. *NI* Vol. 25 No. 10 (Oct. 1990) pp. 225-231 illus.

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

General, Nos. 5, 20.

Roman, No. 157.

Western and Central Europe, Nos. 476, 479.

Medals and Decorations, No. 700.

Tokens and Jetons, Nos. 727, 729.

INDIA

240 AGRAWAL, ASHVINI. Some More Coins of Ramagupta. *Numismatic Studies* Vol. 1 (1991) pp. 99-101 illus.

Five copper coins of Ramagupta, said to have been procured from the Vidisha region, are published. (Amiteshwar Jha)

241 AGRAWAL, JAGANNATH. A Numismatic Blunder Rectified. *Numismatic Studies* Vol. 1 (1991) pp. 121-123.

Khvadavayaka and its variants seen on the silver and billon coins on the Bull and Horseman type was the name of Sultan Qutb-ud-din Aibak. This is suggested on the basis of the Palam Baoli inscription where the name of Shihab-ud-din. Ghuri is followed by Khudava-din (i.e., Qutb-ud-din). (Amiteshwar Jha)

242 BHARGAVA, R.R. Bhavadatta: Another Member of Datta Family of Tripuri. *ICSN* No. 5 (Dec. 1990).

A lead coin with the Brahmi legend no Bhavadatasa, obtained from Tripuri, is published. (Amiteshwar Jha)

243 BHAT, H.R. RAGHUNATH. A New Hoard of Satavahana Coins. *Studies in South Indian Coins* Vol. 1 (1991) pp. 61-63.

A hoard of the copper/potini coins of the Satavahanas of the elephant/Ujjain symbol type was discovered at Kundur in Uttara Kannada district (Karnataka). 850 coins of the hoard could be recovered, though a few were dispersed. Five later Satavahana rulers (Siri Satakarni, Siva Siri Pulumavi, Rano Satakarni, Siri Yajna Satakarni and Siri Pulumavi) are represented in the hoard. (Amiteshwar Jha)

244 BHATT, R.D. A New Coin of Bhanumitra from Madhya Pradesh. *ICSN* No. 5 (Dec. 1990).

A circular copper coin from Madhya Pradesh, having Ujjain symbol and tree-in-railing and Brahmi legend *rano Bhanumitasa* on the obverse and blank reverse is published. (Amiteshwar Jha)

245 DEYELL, JOHN S. Two Extraordinary Coins of AH 965 - Part II. Silver *Rupiya* of Sikandar from Agra. *ICSN* No. 5 (Dec. 1990).

A silver coin bearing the name Sikandar, issued from Agra mint in AH 965 is published. The problems raised by the coin are highlighted. The issuer of the coin is said to be a new king, hitherto unknown. (Amiteshwar Jha)

246 DUTTA, MALA. *A Study of the Satavahana Coinage*. (New Delhi, Harman Publishing House 1989) 355 pp. illus.

247 GABRISCH, KARL and BERTSCH, WOLFGANG. Chopmarks on Sicuan Rupees. *NI* Vol. 26 No. 3 (March 1991) pp. 57-65 illus.

Some chops used on Indian rupees are discussed and catalogued as well as possible explanations for their use. (Joseph Uphoff)

248 GUILLAUME, OLIVIER. *Analysis of Reasonings in Archaeology. The case of Graeco-Bactrian and Indo-Greek Numismatics*. Trans. from French by Osmund Bopearachchi. *French Studies in South Asian Culture and Society IV* (Oxford University Press 1990) 133 pp.

249 GUILLAUME, OLIVIER, Ed. *Graeco-Bactrian and Indian Coins from Afghanistan*. Trans. from French by Osmund Boparachchi. *French Studies in South Asian Culture and Society V* (Oxford University 1991) 199 pp. illus.

250 GUPTA, CHANDRASHEKHAR. Copper Punch-Marked Coins of Damabhadra from Kaundinyapur Excavations. *Numismatic Studies* Vol. 1 (1991) pp. 19-26.

The author corrects the errors in the description of copper punch-marked coins that were found in excavations at Kaundinyapur (Dist. Amaravati, Maharashtra) and points out that they bear the Brahmi legend *Damabhadasa*. Similar coins are

also reported from Paunar and Adam in Wardha and Nagpur districts, respectively.
(Amiteshwar Jha)

251 HANDA DEVENDRA. The Yaudheyas and their Coins. *Numismatic Studies*. Vol. 1 (1991) pp. 63-77.

A review of the Yaudheyas and their coinage is made. Distribution area of the different classes of Yaudheya coinage is demarcated.
(Amiteshwar Jha)

252 HEBERT, R.J. Preliminary Notes on the Alxono Hoard. *Numismatic Studies* Vol. 1 (1991) pp. 103-110.

A fairly large group of coins of the type of early Bactrian copies of Peroz's drachms was acquired by the Smithsonian Institution from a coin-dealer. This lot, according to the author, was a hoard or part thereof, and was presumably found somewhere in Afghanistan. The Sasanid and Nazak/Napki pieces from this find are described.
(Amiteshwar Jha)

253 JEYARAJ, V.A. Technical Study on a Pallava Lead Coin. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 121-123.

The analysis of a lead coin, having a defaced bull motif and said to be a Pallava issue, revealed it to be made of lead (42.15 percent), tin (23.93 percent), copper (18 percent), iron (11.31 percent) and zinc (2.95 percent).
(Amiteshwar Jha)

254 JHA, AMAL KUMAR, Ed. *Coinage, Trade and Economy*. Third International Colloquium, 8-11 January 1991. (Nasik, Indian Institute of Research in Numismatic Studies 1991) 236 pp. illus.

255 JOSHI, MAHESHWAR R. A Coin of Sivaraksita from the British Museum. *Numismatic Studies* Vol. 1 (1991) pp. 27-32.

A copper coin of the Almora coin type and bearing the Brahmi legend *Sivarakshitasa* is described. The Almora coins were the issues of the Kunindas.
(Amiteshwar Jha)

256 KASINATHAN, NATANA. Gangagopalan Madia. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 87-90 illus.

The author had previously identified 70 coins, which were found along with 6 Ganga coin, 20 Panams of Vijayanagar period and some gold ornaments at Varadara-janapettai in South Arcot District (Tamil Nadu), as the issues of Ganapathi of Kakatiya dynasty. A reexamination of the coins led him to identify them as Gandagopalan madai, found mentioned in inscriptions, which were issued by the Telugu-choda ruler, Tikka I.
(Amiteshwar Jha)

257 KRISHNAMURTHY, R. Rare Sangam Period Chola Coin. *Studies in South Indian Coins* Vol. 1 (1991) pp. 31-32.

A square coin having elephant, tree-in-railing, three arched hill, fishes in tank

and some other symbols on the obverse and a tiger on the reverse, which was collected from the Amaravathi river bed, Karur in Tiruchirapalli district (Tamil Nadu) is published and attributed to the Cholas of the Sangam period. (*Amiteshwar Jha*)

258 KRISHNAN, K.G. Minting Industry and Process of Coining in Tamil Nadu. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 9-15.

Information relating to the mints and the process of manufacturing coins in Tamil Nadu are collected from the epigraphs. (*Amiteshwar Jha*)

259 KULKARNI, PRASHANT P. The Mughal Tola and Ilahi Coins. *Numismatic Studies* Vol. 1 (1991) pp. 125-132.

The Ilahi coins of Akbar were struck at a higher standard of 1.88.88 grains. Contrary to the general belief, the author shows that almost all Mughal emperors issued such heavy coins. (*Amiteshwar Jha*)

260 KULKARNI, PRASHANT P. *Coinage of the Bhonsla Rajas of Nagpur*. (Nagpur, Indian Coin Society 1990) 266 pp. illus.

261 KUMAR, MANMOHAN. Yaudheya Coin Hoard from Bishan (Rohtak). *Numismatic Studies* Vol. 1 (1991) pp. 79-98 illus.

A hoard of 43 Yaudheya copper coins of the Yaudheya ganasya jaya type, found in a small earthen pot from the ancient mound near the village Bishan in the Rohtak district (Haryana), is published. (*Amiteshwar Jha*)

262 MANGALAM, S. Silver Punch-Marked Coin with Legend. *Numismatic Studies* Vol. 1 (1991) pp. 13-17 illus.

A silver punch-marked coin with Brahmi legend Apaya is published. The editor, in a note, expresses doubts about the genuineness of the coin. (*Amiteshwar Jha*)

263 MANGALAM, S.J. A Unique Inscribed Vishnukundin Coin from Vidarbha. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 81-86 illus.

The author reads the Brahmi legend Sri Ranamitra on a coin of bull/vase type and suggests that this might have been a title of the Vishnukundin ruler Madhavavarman, who might have issued this coin. (*Amiteshwar Jha*)

264 MUKHERJEE, B.N. *The Indian Gold. An Introduction to the Cabinet of the Gold Coins in the Indian Museum*. (Calcutta, Indian Museum 1990) 100 pp. illus.

265 MURTHY, A.V. Narasimha. Numismatic Studies in Karnataka. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 9-120.

The author reviews numismatic studies in Karnataka. A systematic collection of numismatic data from epigraphy and literature is emphasized. (*Amiteshwar Jha*)

- 266 NATH, AMARENDRA.** A Lead Issue of Siva-Skanda Satakarni. *Numismatic Studies* Vol. 1 (1991) pp. 59-61.

A lead coin, found in excavations at Adam, District Nagpur (Maharashtra), bearing elephant to right and Brahmi legend **Rano Vasithiputasa Siri Satakanisa** on the obverse and six-arched hill and Ujjain symbol and some other ancillary symbols on the reverse, is published. (Amiteshwar Jha)

- 267 PRABHU, M. MUKUNDA.** Malavaramari Nishka. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 91-94 illus.

The Malavaramari Nishka mentioned in the Halsi copper-plate grant of Jayakesi III of Goa is different from the gold coins of Jayakesi and Sivachitta. The author identifies it with the gold coins bearing on the reverse the Nagari legend **Sri Ma la ha/ra ma ri** in two lines. (Amiteshwar Jha)

- 268 RAJAN, K.** A Chronological Note on the Punch-Marked Coins of Tamil Nadu. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 17-22.

Two silver punch-marked coins found during excavations at Kodumanal in Perundurai taluka of the Periyar district (Tamil Nadu) are described. One of these is a stratified find and is dated to the 1st century BC or 1st century AD, the other was a surface find. The use of silver punch-marked coins as currency in Tamil Nadu is dated to the 1st/2nd century AD. (Amiteshwar Jha)

- 269 RAJGOR, DILIP.** Recent Researches in Kshatrapa Numismatics. *Numismatic Studies* Vol. 1 (1991) pp. 33-44 illus.

Some new Western Kshatrapa coins including a copper coin of Aghadaka Iyana counterstruck by Bhumaka, new copper coin-types of Nahapana, a coin of Soter megas counterstruck by Damaghsada, a coin of Sanghadaman, etc., are published. (Amiteshwar Jha)

- 270 RAMAN, K.V. and SHANMUGAM, P.** Terracotta Coin Moulds from Kanchipuram. *Studies in South Indian Coins*. Vol. 1 (1991) pp. 23-29 illus.

Eleven terracotta coin moulds: 2 punch-marked, 5 Satavahan, 3 Pallava and 1 unidentified, were found during excavations at Kanchipuram in Chingleput district (Tamil Nadu). The punch-marked and Satavahana coin moulds are described in this paper. (Amiteshwar Jha)

- 271 REBELLO, F.** Unpublished gold xerafin of 1678. *NCirc* Vol. 98 No. 10 (Dec. 1990) p. 350 illus.

A gold coin of Portuguese India is published. (Edward Besly)

- 272 RHODES, N.G.** Dated Coins of Cooch Behar. *Mudar* No. 2 (1990) 6 pp.

A number of rare dated rupees and half rupees of Prana Narayana and Mada

Narayana of Cooch Behar, with dates either fully or partially legible, are listed. (*Author*)

273 RHODES, N.G. Dated Coins of Cooch Behar. *NI* Vol. 25 No. 11 (Nov. 1990) pp. 249-256 illus.

The use of dates on the half rupees and a few rupees of Cooch Behar is discussed and catalogued. (*Joseph Uphoff*)

274 RHODES, N.G. Some Notes on Deva Manikya of Tripura. *Mudra* No.2 (1990) 4 pp.

Six coins of Deva Manikya of Tripura (ca. 1520-1526) are described and their historical significance analyzed. (*Author*)

275 RHODES, N.G. Tavernier's Account of North-East Indian Cons. *Mudra* No. 1 (1990) 4 pp.

An analysis of this 17th century traveller's illustrations of and references to the contemporary coins of Assam, Tripura and Cooch Behar. (*Author*)

276 SINGH, JAI PRAKESH. On Saka 1648-49 Coins of Siva Simha. *NI* Vol. 26 No. 4 (April 1991) pp. 81-84 illus.

In 1648 Queen Phulesvari of Assam's name was changed to Pramathesvari. The reasons for this name change are presented as well as supporting numismatic evidence. (*Joseph Uphoff*)

277 SINGH, JAI PRAKASH. On the Fourteen Deities on a Coin of Tripura. *NI* Vol. 26 No. 7 (July 1991) pp. 161-164 illus.

The symbolism on a rupee minted in AD 1464 is discussed along with some relevant mythological details concerning the deities. (*Joseph Uphoff*)

For an additional reference to the numismatics of India, see the following abstract:

General, No. 20.

FAR EAST

278 BERTSCH, WOLFGANG. Some Difficulties in Dating an Early Tibetan Coin. *NI* Vol. 25 No. 8 (Aug. 1990) pp. 184-185 illus.

A coin originally believed to be issued in 1763 is reassigned to the period between 1811 and 1819, based on the occurrence of a character used on Tibetan seals only during that time.
(Joseph Uphoff)

279 BERTSCH, WOLFGANG. The Garden Inscription on Tibetan Coins. *NI* Vol. 25 No. 9 (Sept. 1990) pp. 204-207 illus.

The phrase *dga-Idan pho-bran phyod* [or *phyogs*] *las rnam-rgyal* found on Tibetan coins is translated and discussed.
(Joseph Uphoff)

280 CAI YANG WU. *Heng Men Bai Qian Pu* [An Appreciation of 100 Coins]. (Reprinted by Shanghai Bookstore, 1990) 147 pp. illus. In Chinese. ISBN 7-80569-135-5.

One hundred significant Chinese coin types and 32 brief essays on Chinese numismatics are presented.
(Joseph E. Boling)

281 CASERIA, JEFF. Wu Zhu coins of the Western Han Dynasty. *IFEN* No. 8 (March 1991) pp. 4-11 illus.

The transition from Ban Liang to Wu Zhu coinage and several varieties of the latter are presented.
(Joseph E. Boling)

282 CHEN DERUN and CHEN XIAOTAO. The Vaulted Iron Coins of the Song Dynasty Excavated at Yaan City, Sichuan Province. *China Numismatics* No. 31 (1990) pp. 4-7. In Chinese. ISSN 1001-8638.

283 CHENG PIZHEN, YANG KE and CHENG XUEFENG. On the Currency of the Border Area of Henan-Anhui Jiangsu. *China Numismatics* No. 32 (1991) pp. 36-39. In Chinese. ISSN 1001-8638.

Various kinds of currency issued at the Henan-Anhui-Jiangsu Anti-Japanese Base during the Anti-Japanese War Period are introduced.

284 DU WEISHAN. A Study of the Ban Liang Coin Excavated from the Qin Tomb at Gaozhuang Village, Fengxiang County, Shaanxi Province. *China Numismatics* Vol. 32 (1991) pp. 3-15 illus. In Chinese. ISSN 1001-8638.

Based on the burials excavated from the tomb at Gaozhuang Village, Fengxiang County, Shaanxi Province, the author thinks that the medium-sized Ban Liang coin was the main currency of the Qin Dynasty during the Warring States Period, smaller Ban Liang coin appeared during late Qin and the small Ban Liang and the Ban Liang, minted privately, were used up to the early years of West Han Dynasty.

285 FAX, ANTON. French Indo-Chine Emergency Coinage 1938-1941...? *NI* Vol. 26 No. 4 (April 1991) pp. 85-86 illus.

The possibility that zinc 5, 10, and 20 centime issues minted between 1938 and 1941 are emergency issues rather than counterfeit is raised. (Joseph Uphoff)

286 FENG YI. The Small Bronze Coin "Hui Tong Tong Bao" Issued by the Taizong Emperor of the Liao Dynasty. *China Numismatics* No. 31 (1990) pp. 51 illus. In Chinese. ISSN 1001-8638.

The bronze coin "Hui Tong Tong Bao" is a coin of the Liao dynasty, previously unknown. This coin is in the collection of the author.

287 FLORINE, IVAN. *International Far-Eastern Numismatics News*. No. 8-10 (bound in one volume). (Brussels, The Author, 1991) 214 pp. illus. In French and English.

Several contributions from readers (separately abstracted), biographical chronologies of the Chinese emperors from the post Liang through Southern Sung dynasties (AD 907-1279), a continuation of the chart of the simplified and standard versions of Chinese characters begun in an earlier issue, biographies of the Japanese emperors from Keitai through Konoye (AD 507-1155), and 13 maps illustrating the political changes that occurred during the period ca. 600-1900 are presented.

(Joseph E. Boling)

288 FLORINE, IVAN. Notes sur la Monnaie et les Metaux Precieux en Chine, Partie 03. *IFEN* No. 8 (March 1991) pp. 26-47.

In this installment manufacture and use of cash and sycee, and general notes on gold and dollar-sized silver coins are presented.

(Joseph E. Boling)

289 GABRISCH, KARL. Beiträge zur tibetischen Numismatik II: Die tibetischen Goldmünzen und deren Fälschungen. *MNZ* Vol. 20 No. 2 (1990) pp. 1-3.

The striking of gold coinage in Tibet 1918-1921, its state of research, and historical background are surveyed. Reports from a British officer in Lhasa are used as a source.

(Peter Ilisch)

290 GORNY, NORMAN F. Care for Your Cash. *NI* Vol. 26 No. 1 (Jan. 1991) pp. 13-17.

Techniques and advice for cleaning Chinese Cash are presented. (Joseph Uphoff)

291 GRIFFITH, BRUCE R. Trial Year Listing for Ch'ien Lung and Chia Ching Cash of Peking with a Sketch of Provincial Issues. *IFEN* No. 10 (March 1991) pp. 38-61 illus.

A reprint of the first part of the article abstracts in *NL* 125-389, excluding the

discussion of Yunnan provincial varieties, is published.

(Joseph E. Boling)

292 HU XUEYUAN. The Silver Dollar Note Issued by General Ma Zhanshan. *China Numismatics* No. 32 (1991) pp. 40-41 illus. In Chinese. ISSN 1001-8638.

After the occupation of the Northeastern part of China by Japan in 1931, General Ma Zhanshan led the army of Heilongjiang Province and started the Anti-Japanese War, and paper money based on silver dollar as its unit was issued.

293 HUANG PANG-XIAO. *Gu Gong Qin Qian Pu* [Palace Museum Collection of Qin Dynasty Coins]. (Beijing, Imperial Palace Museum, 1937; reprinted by Beijing University Press, 1989) 158 pp. illus. In Chinese. ISBN 7-301-00850-3.

A survey of Qin Dynasty cash coinage, including patterns and seed coins is presented. The survey is bound with Pao Kang's book on large Hsien Feng cash.

(Joseph E. Boling)

294 KRÜGER, JOACHIM. Abriss der chinesischen Münzgeschichte anhand des Bestandes des Dresdener Münzkabinetts. *GN* Vol. 26 No. 144 (1991) pp. 178-184 illus.

The author surveys the history of the coinage of China, incorporating the coinage in the Dresden cabinet.

(Peter Ilisch)

295 LI QINGLAN. A Brief Discussion on the Currency of the Sichuan-Shaanxi Revolutionary Base. *China Numismatics* Vol. 32 (1991) pp. 24-35. In Chinese. ISSN 1001-8638

The currency issued by the Worker-Peasant Bank and the Mint of Sichuan-Shaanxi Soviet Government during the Second Civil Revolutionary War Period are introduced.

296 LI XIA and XIAO FENG. *Zhong Guo Bei Fang Min Zu Huo Bi Shi* [History of Northern China National Currencies]. (Beijing, Heilungjiang Publishing Co., 1989) 253 pp. illus. In Chinese. ISBN 7-207-00453-2.

Coins and notes of pre-Republican North China are presented. (Joseph E. Boling)

297 LING ZHONGMING. The Lead Money Plate of Hezhou, South Song. *China Numismatics* No. 31 (1990) pp. 25 illus. In Chinese. ISSN 1001-8638.

The kind of plate money issued by the government of South Song in its capital Hangzhou has been discovered several times, but the author's own collection of lead plate money, issued by the South Song government in Hezhou District, has never been published. The money is important in the study of the money system of the South Song Dynasty.

298 LIU SEN. Some Problems of the Iron Coins of the North Song Dynasty. *China Numismatics* No. 31 (1990) pp. 30-40 illus. ISSN 101-8638.

This paper discusses the location of the mints striking iron coins of the North Song Dynasty as well as the time of circulation of iron coins, the districts and the value of iron coins.

299 NARBETH, COLIN CROFT. The Rebel Emperor of the West. *IFEN* No. 9 (March 1991) pp. 2-11 illus.

The military career, noted for its brutality, and coinage (1644) of the Chinese rebel Chang Hsien-Chung (reign title Ta Shun) are presented, with illustrations of the coinage from several sources. (Joseph E. Boling)

300 National Bureau of Cultural Heritage, eds. *Zhong Guo Gu Qian Piu* [Illustrative Plates of Chinese Ancient Coins]. (Beijing, Cultural Products Publishers, 1989) 534 pp. illus. In Chinese. ISBN 7-5010-0298-3.

Rubbings of over 4,000 Chinese type coins of the pre-modern era are presented. The book includes representative types of Japan, the Ryukyus, and Annam, and 47 "problematical" pieces. (Joseph E. Boling)

301 NING ZHIQI and ZHENG JIANHUA. The Iron Coins of the Song Dynasty Excavated at Mian Zhu County, Sichuan Province. *China Numismatics* No. 31 (1990) p. 8. In Chinese. ISSN 1001-8638.

302 NIU DASHENG. A Brief Discussion on "Yuan De Tong Bao". *China Numismatics* No. 31 (1990) pp. 49-50 illus. In Chinese. ISSN 1001-8638.

"Yuan De Tong Bao" is a very rare coin, especially those with legends in regular script. In the past there were doubts concerning the coinage, but due to recent excavations, the coins can be definitely assigned to the West Xia.

303 PAO KANG. *Da Qian Tiwu Lu* [Illustrated Record of Large Coins]. (Privately published, 1876: reprinted by Beijing University Press, 1989) 140 pp. illus. In Chinese. ISBN 7-301-00850-3.

Partial reprint of the original edition, omitting the sections on paper money and possibly some of the coinage pages, is published. The book covers primarily the large Hsien Feng cash pieces. It is bound with Huang Pang-xiao's catalogue of the Palace Museum collection of Qin dynasty coins. (Joseph E. Boling)

304 REIS, BOB. China attracted and absorbed barbarians. *WCN* (15 April 1991) pp. 22-24 illus.

The scarcer types of Chinese cash from the Tartar Dynasty through the early years of Qing are discussed, particularly with respect to their current market availability. (Joseph E. Boling)

305 REIS, BOB. Tang dynasty set coin standards that endured. *WCN* (1 April 1991) pp. 26-28.

A general commentary on cash coinage from Tang through Southern Song, with tables showing varieties and rarities, is presented. (Joseph E. Boling)

306 RHODES, N.G. An Unusual Overdate from Nepal. *NI* Vol. 25 No. 9 (Sept. 1990) pp. 212-213 illus.

A 1 rupee coin is discussed and illustrated.

(Joseph Uphoff)

307 RHODES, N.G. The Monetisation of Nepal in the Seventeenth Century. *Kailash*. Vol. 15 Nos. 1-2 (1989) pp. 113-117.

A socio-economic analysis of the effect on Nepalese society of the introduction of coinage. (Author)

308 SHENG, ZHONG-JUN. Story told of two silver coins of imperial China. *WCN* (18 March 1991) p. 34.

The backgrounds of two scarce silver coins of Kuang Tung province are presented: the 7.3 mace of 1887, which failed to circulate in the face of competing 7.2 mace coins; and the Kuping tael of 1906, associated with the 70th birthday of the Dowager Empress. (Joseph E. Boling)

309 TURK, FRANK A. Notes on the Metallic Coin-Like Charms and Similar Numismatic Items on the Far East, with Examples of Their Origins, History, Usages and Kinds with Special Reference to China. Part 3. *IFEN* No. 10 (March 1991) pp. 14-27.

The author continues the series. National styles of the charms (China, Japan, Korea, Annam) and the methods of use of the charms are presented. (Joseph E. Boling)

310 WANG JIANYU and ZOU ZHILIANG. A Comment on the Shanghai Edition [Heng Men Bai Quan Pu]—Catalog of the 100 Coins of Heng Men. *China Numismatics* Vol. 32 (1991) p. 77. In Chinese. ISSN 1001-8638.

The work by Heng Men, a numismatist of Taiwan, is discussed.

311 WANG MINGXIAN. A Small "Shao Sheng Yuan Bao" in Li Script Newly Discovered in Henan Province. *China Numismatics* No. 31 (1990) pp. 47-48 illus. In Chinese. ISSN 1001-8638.

The small copper coin "Shao Sheng Yuan Bao" in Di script is a very rare coin of the Song Dynasty. The coin introduced here was picked from lots of retrieved coins.

312 YAN FUSHAN. The Iron Coins of the North Song Dynasty in Shaanxi Province. *China Numismatics* No. 31 (1990) pp. 15-24 illus. In Chinese. ISSN 1001-8638.

The author probed into the history of using iron coins in Shaanxi Province issued

by the government of the Song Dynasty, and the different characteristics between the iron coins minted in Shaanxi and other districts were also studied, based on the iron coins of the North Song Dynasty excavated in Shaanxi Province.

313 YANG FENG and XIE QICAI. On Soviet Currency. *China Numismatics* Vol. 32 (1991) pp. 16-20 illus. In Chinese. ISSN 1001-8638.

Two kinds of very rare silver dollars with portraits of Marx and Lenin and some rare paper monies, issued at the Revolutionary Base of the Northwestern Part of Hubei Province during the period of Second Civil Revolutionary War, are introduced.

314 YANG ZUKAI. The Vaulted Iron Coins of the Song Dynasty Excavated at Zizhong County, Sichuan Province. *China Numismatics* No. 31 (1990) pp. 9-14 illus. In Chinese. ISSN 1001-8638.

In recent years some vaulted iron coins of the Song Dynasty have been excavated in Sichuan Province in succession, among which iron coins of various kinds starting from the early North Song to the end of the South Song (some of which were rarely seen in the past). These coins provide quite complete materials for studying the iron coins of the Song Dynasty in the Sichuan Province.

315 YARWOOD, JOHN F. Thai Fantasy Coins. *NI* Vol. 25 No. 11 (Nov. 1990) pp. 257-260 illus.

Fantasies of the 2 Att of 1887 and later are discussed and catalogued.

(Joseph Uphoff)

316 YUAN LIN. Probe Once Again into the "Yong Chang Tong Bao" Cast by Li Zicheng. *China Numismatics* No. 31 (1990) pp. 26-29. In Chinese. ISSN 1001-8638.

"Yong Chang Tong Bao" was the coin cast by the peasant insurrection leader Li Zicheng at the end of the Ming Dynasty. Based on the material objects discovered in different parts of the country, the author arranges the different issues of the coinage, struck by Li Zicheng at different times and in different places.

317 Yunnan Numismatic Society, Eds. *The Historical Currencies of Yunnan*. (Kunming, Yunnan People's Publishing Co., 1989) 336 pp. illus. In Chinese. ISBN 7-222-00504-8.

Essay and color illustrations of all types of currencies which have circulated in Yunnan, including cash coinage, hundreds of varieties of stamped silver ingots, machine-struck coinage, and paper emissions, including those of neighboring regions, are presented. Major section titles are only in English. (Joseph E. Boling)

318 ZHOU YUELIAN. The Iron Coins of the Song Dynasty Excavated at Lushan County, Sichuan Province. *China Numismatics* No. 31 (1990) p. 9 illus. In Chinese. ISSN 1001-8638.

For additional references to the numismatics of the Far East, see the following abstracts:

General, Nos. 18, 20.

India, No. 247.

Oceania, No. 589.

Medals and Decorations, Nos. 601, 693.

Paper Money, Nos. 702, 703, 719, 723, 725.

AFRICA

319 JUEL-JENSEN, BENT. A modern forgery of a gold coin of the Aksumite King Ousanas I. *NCirc* Vol. 98 No. 10 (Dec. 1990) p. 349 illus.

320 MUNRO-HAY, S. A new silver coin of King Aphilas of Aksum. *NC* Vol. 150 (1990) p. 238.

An interesting new silver piece of King Aphilas of Aksum has been noted in a private collection. Its particular importance is that it shares an unusual abbreviated legend already observed on Aphilas's gold half-piece. *(K. Rutter)*

GREAT BRITAIN AND IRELAND

321 BLACKBURN, M. and ROGERSON, A. A fifth round halfpenny of Henry I found at Hempnall, Norfolk. *NCirc* Vol. 96 No. 6 (July/Aug. 1990) pp. 198-199 illus.

322 CHALLIS, C.E. The first gold sovereigns. *NCirc* Vol. 98 No. 10 (Dec. 1990) pp. 347-348.

The role of gold sovereigns as diplomatic gifts by Henry VII in 1502 and 1506 is discussed. *(Edward Besly)*

323 CHICK, D.S. and SYMONS, D.J. A new penny of Offa. *NCirc* Vol. 98 No. 6 (July/Aug. 1990) p. 202 illus.

A specimen by the moneyer Lulla, Blunt type 69 variant, is published. *(Edward Besly)*

324 CONTE, WILLIAM J. and ARCHIBALD, MARION M. Five round halfpennies of Henry I: a further case for reappraisal of the chronology

of types. *NCirc* Vol. 98 No. 7 (Sept. 1990) pp. 232-236 illus.

325 HARRIS, E.J. Additions to mints and moneyers of Norman kings. *SCMB* No. 857 (Jan./Feb. 1991) pp. 7-9.

Newly-recorded mint/moneyer combinations for William I (11), William II (8), Henry I (11) and Stephen (36) are listed; 34 are from the Wicklewood (Norfolk) hoard discovered in 1989. *(Edward Besly)*

326 HARRIS, E.J. Silver coinage in the Henry V period. Part 3. *SCMB* No. 853 (Sept. 1990) pp. 196-197 illus.; Part 4. *SCMB* No. 854 (Oct. 1990) pp. 235-237 illus; Part 5. *SCMB* No. 855 (Nov. 1990) pp. 267-271 illus.

327 STEIN, ANTHONY ASHER. A case for reattributing Stewart Type 59. *NCirc* Vol. 98 No. 8 (Oct. 1990) pp. 273-274 illus.

On the basis of recent finds from Thetford, the author suggests that the sceatta type 59 be reattributed from series Z to series Q. *(Edward Besly)*

328 STEWART, B.H.I.H. and NORTH, J.J. Edwardian sterlings from Lochmaben, Blackhills and Mellendean reclassified. *NC* Vol. 150 (1990) pp. 179-204.

The authors reconstruct according to the Fox classification the contents of three important Scottish hoards originally recorded by Sir George Macdonald: Mellendean (ca. 1295), Blackhills (ca. 1322) and Lochmaben (ca. 1330). *(K. Rutter)*

329 TOMLINSON FORT, E. Two more ninth-century imitations of Merician coins. *NCirc* Vol. 98 No. 7 (Sept. 1990) p. 231.

For additional references to the numismatics of Great Britain, see the following abstracts:

Western and Central Europe, No. 418.

Mexico, Central and South America, No. 585.

Medals and Decorations, Nos. 615, 616, 623, 643, 672, 677, 698.

Tokens and Jetons, Nos. 732, 733, 739.

WESTERN AND CENTRAL EUROPE

330 AAGAARD, SVEN. Randing och omranding af norske randskrift-specier 1687-1696 [Rimming and Re-rimming of Norwegian Coins 1687-96 with Edge Letters]. *NNUM* Vol. 2 (March 1991) pp. 22-28 illus.

Seven different inscriptions struck into the edges of Norwegian coins dating 1687-96 are discussed together with a survey of the technical methods of rimming edges of coins.
(*Bengt. E. Hovén*)

331 ANDREWS, C.C. What's in a name? *NI* Vol. 26 No. 3 (March 1991) pp. 54-56 illus.

The ship on the reverse of the half Tollero of 1683 minted in Tuscany is discussed.
(*Joseph Uphoff*)

332 ARCHIBALD, MARION M. Against the tide: coin-movement from Scandinavia to the British Isles in the Viking Age/Mot Strømmen: Myntbevegelse fra Skandinavia til de Britiske øyer i Vikingtiden. *NNF-Nytt* Vol. 1 (1991) pp. 13-22 illus. In English and Norwegian.

A list of the 12 Scandinavian coins found in the British Isles is published. The coins may be divided in two periods: (1) late 9th to 10th century; (2) mid to late 11th century. The second lot is seen as numismatic evidence of an upturn in the commercial relations following the removal of the Herregeld tax in 1051. (*Ulla Westermarck*)

333 ARNOLD, PAUL and ULLI. Münzstättenbesichtigungen der sächsischen Münz- und Hüttenmeister Gustav Julius Buschick und Theodor Choulant. *Numismatische Studien* Vol. 9 (Hamburg, Museum für Hamburgische Geschichte, 1991) 72 pp. illus. ISSN 0469-2144.

Two Saxon mint officers in 1854 and 1905 visited other mints in Germany and wrote detailed reports on the technical installations and procedures, including organization and salaries. The original text of these reports is preceded by biographies. The plates show the technical drawings by Buschick.
(*Peter Ilisch*)

334 ARNOLD, PAUL. Numismatica Coldicensis. *JbStKunstsammlDresden* Vol. 20 (1988) pp. 7-17 illus.

Also appearing under the title: Part 1: Paul Arnold. Numismatische Erinnerungen an Kurfürstin Sophie von Sachsen. *NH* No. 50 (Dresden/Colditz 1990) pp. 51-60 illus.

Paul Arnold. Die Münztätte Colditz - ihre Geschichte und ihre Münzprägungen. *NH* No. 50 (Dresden/Colditz 1990) pp. 41-50 illus.

The author discusses in Part 1 the medals of the Saxon electoress Sophie, the wife of Christian I (1586-1591) and in Part 2 the history of the mint of Colditz in the 15th century.
(*Author*)

335 ARNOLD, THOMAS. Die Münzen aus dem Turmknauf der Michaeliskirche in Frohburg. *Vom Turm geschaut, Streizüge durch den Kreis Geithain und seine Geschichte*. No. 2 (Geithain, 1990) pp. 16-20.

The author discusses 17 coins, dating between 1627 and 1911, which were found in 1970 during the reconstruction of the steeple of Michaeliskirche in Frohburg.
(*Paul Arnold*)

336 ARNOLD, THOMAS. Die Münzen aus der Turmkugel der Nauenhainer Kirche. *Vom Turm geschaut, Streifzüge durch den Kreis Geithain und seine Geschichte*. No. 1 (Geithain, 1989) pp. 47-49.

The author is concerned with 19th century coinage found in the tower of the church in Nauenhain (Geithain). (Paul Arnold)

337 AUST, HORST. Geprägt zur Erinnerung an eine Burgenfahrt in Schlesien. *GN* Vol. 26 No. 143 (1991) pp. 117-122 illus.

An excursion organized in 1908 by the "Vereinigung zur Erhaltung deutscher Burgen" to tour some Silesian castles is described. Two medals commemorating this voyage, probably by Friedrich Hörnlein, are presented. (Peter Ilisch)

338 BAGGIANI, LORELLA and FLORIDIA, ANNA. Lettere di don Porporino da Faenza al Cardinale Leopoldo de' Medici (1673-1674). *BollNum* Vol. 12 (1989) pp. 201-219.

The author publishes several letters housed in the Historical Archives of Florence, directed to Cardinal Leopoldo de' Medici from a monk of the Celestine order, Father Porporino Baroncini from Faenza. From the notes emerges an interesting perspective of a collection of the times: Father Porporino conducted intense research on precious objects designated for the collection of the Cardinal, who had a special interest in ancient money. (Andrea Carignani)

339 BALAGUER, ANNA M. A new type of Episcopal coin from Ausona in the early twelfth century. *NCirc* Vol. 98 No. 9 (Nov. 1990) p. 311 illus.

340 BALAGUER, A.M. Historia de la moneda de los condes catalanes (Resum de la tesis doctoral). *Numisma* Vols. 37-39 (1990) pp. 213-216.

341 BALAGUER, A.M. Las monedas carlistas. En el 150 aniversario de su primera emisión. *GacNum* Vol. 99 (1990) pp. 67-73.

342 BALAGUER, ANNA MARIA. Sobre el origen de l'impost del monetatge a Catalunya (segles XI-XII). *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 791-802.

On the basis of an archival document, the author proposes a lowering of the 1205 date to 1075 for the introduction in Catalonia of the tax of *monetagium*, a tax adopted by many states throughout Europe in the Middle Ages. (Andrea Carignani)

343 *Die Banknoten und Münzen der Deutschen Demokratischen Republik*. Staatsbank der DDR, Ed. (Berlin, Transpress 1989) 228 pp. illus.

The catalogue contains all the coins and banknotes issued by the former DDR, including a description of its monetary history. (Paul Arnold)

- 344 BÄUERLE, JÖRG and SCHEUMANN, DIETMAR.** Der Münz- und Dokumentenfund in der Turmkugel der Königsbrücker Stadtkirche. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 53-62.

The author describes 8 coins, 5 medals and 4 notes, dating between 1698 and 1871, found in the tower of the church in Königsbrück. (Paul Arnold)

- 345 BERG, KARIN.** "Norges mynter i middelalderen" blir til. Brevveksling mellom C I Schive of M S Dedekam. *NNF-Nytt* Vol. 1 (1991) pp. 37-40 illus. In Norwegian.

The author has discovered correspondence from Schive to Dedekam, which sheds light on Schive's famous standard work on Norway's medieval coinage. (Ulla Westermarck)

- 346 BETHGE, MATTHIAS.** *Sammlung Museen der Stadt Gotha, Münzen und Medaillen der Welfen.* Exhibition catalogue of Städtisches Museum Braunschweig 16.10.-09.12.1990. 181 pp. illus.

Following a general introduction concerning Thuringia, the city of Gotha, the history of the ducal collections and that of the coin cabinet, the author catalogues 1,279 coins from the Duchies of Brunswick in the Gotha cabinet, especially strong in early modern coinage. (Peter Ilisch)

- 347 BIENAS, RUDOLF.** Die Münzfunde des Stadt- und Landkreises Wismar. *NH* No. 66 (Rostock, 1990) pp. 4-15.

The inventory of coin finds in the city and environs of Wismar is described. (Paul Arnold)

- 348 Bilder aus der DDR auf Geldscheinen, Münzen, Medaillen.** *Exhibition catalogue of the Staatliche Münzsammlung München* 28.6.-29.7.1990. (Munich, Staatliche Münzsammlung München, 1990) 62 pp. illus. ISBN 3-9800744-9-8.

- 349 BLACKBURN, MARK and BONSER, MICHAEL.** A Carolingian gold coin struck from a die of Charles and found at Congham, Norfolk. *NCirc* Vol. 98 No. 9 (Nov. 1990) pp. 304-306 illus.

A gold coin of the late 9th/early 10th century is discussed. (Edward Besly)

- 350 BRAHME, SVEN.** On the Coin Circulation on Gotland in the late Viking Age. *NNA* (1983-1984) pp. 145-166 illus.

The study is based on the material published in *CNS* Vol. 1, Gotland 1-4. The author treats the material from various aspects using mathematical and statistical methods. He concludes that nothing points to a frequent use of coins on the island in the late Viking Age. (Ulla Westermarck)

- 351 BRÄUER, A. PETER.** Johann David Köhler und die Numismatik. *NH* No. 50 (Dresden/Colditz, 1990) pp. 3-34.

The author is concerned with the life and work of Johann David Köhler. (*Paul Arnold*)

352 BRÄUER, A. PETER. Rundgang durch die Ausstellungen des Johann-David-Köhler-Hauses. *NH* No. 50 (Dresden/Coldtitz, 1990) pp. 61-63.

The exhibit in the Johann-David-Köhler House is described. (*Paul Arnold*)

353 CANCIO, L. El patriota verdedero. Note Edicional. *GacNum* Vol. 100 (1991) p. 45.

354 CANCIO, L. Un duro falso de interés histórico. *GacNum* Vol. 100 (1991) pp. 19-20.

355 CASTAÑO, D.E. La Pragmática de 1772. *GacNum* Vol. 99 (1990) pp. 65-66.

356 CRUSAFONT I SABATER, M. Els florins de Perpinyá. La marca creixent. *Ardit* Vol. 6 (1990) pp. 210-214.

357 CRUSAFONT I SABATER, M. *La moneda catalana local (s. XIII-XVIII)*. (Societat Catalana d'Estudis Numismàtics, IEC, Barcelona, 1990) 484 pp.

The author describes and analyzes 2,517 coins of local and ecclesiastical character. (*Leandre Villaronga*)

358 CRUSAFONT I SABATER, M. La moneda catalana local (Resumen de la tesis doctoral). *Numisma* Vol. 37-39 (1990) pp. 217-220.

359 CRUSAFONT I SABATER, M. Sardegna e Catalogna: aspetti d'istoria monetaria. *NumAntClas* Vol. 19 (1990) pp. 345-361 illus.

The long relationship between Sardinian and Catalonia is the primary feature of this article which details several aspects of Catalonian policies—political and monetary—on the island. In particular, the role of the silver mines of Iglesias; among the other mints, the creation of a workshop in the new city of Bonaire build by Infante Alfonso on the occasion of the seige of Cagliari in 1325. (*Andrea Carignani*)

360 CRUSAFONT Y SABATER, MIQUEL. The copper coinage of the Visigoths of Spain: new evidence. *NCirc* Vol. 98 No. 9 (Nov. 1990) pp. 303-304 illus.

361 CSAKI, LUCIANA. Money and Order in the *Variarum Libri XII* of Cassiodorus. *Ideas of Order in the Middle Ages, Acta*. Vol. 15 (1988) pp. 137-149 illus.

A study of the medallion of Theoderic in the light of two letters of Cassiodorus which describe donatives given solely to Gothic soldiers as a reward for individual merit. The attribution of the medallion to this category of donatives would solve problems raised by the effigy of Theoderic on the obverse and revise the date proposed for this piece. (Author)

362 CUNZ, REINER. *Kleine Münzgeschichte der Stadt Hannover 1438-1674.* (Hannover, Niedersächsisches Münzkabinett der Deutschen Bank 1991) 30 pp. illus.

A popular survey concerning the monetary history of the city of Hannover is published. (Peter Ilisch)

363 DALLE VEGRE, ANNA PIA and VAJNA, EUGENIO. La parpagliole milanesi della *Providentia*. Una proposta di sistemazione tipologica e cronologica. *Ermanno A. Arslan Studia Dicata*. Vol. 3. (Milan, Edizione Ennerre s.r.l., 1991) pp. 735-770 illus.

The parpagliola is a Milanese coin which portrays Providence on the reverse, which traditionally is understood to refer to Philip III of Hapsburg (1598-1621). The authors study the iconography and propose a classification in 6 types. (Andrea Carignani)

364 DE BRUIJN, W.K. *De Nederlandse florijn in al zijn facetten.* (Bussum, Laurens Schulman b.v. 1990) 160 pp. illus.

A comprehensive catalogue of 28-stiver pieces and fractions is presented, including descriptions of legends, varieties, countermarks, foreign imitations, numbers of pieces known, locations of pieces in public collections and bibliography.

(Joseph E. Boling)

365 DE GROOT, PAUL F.L. About Those Counterstamps—The Dutch Measures of 1693-1694. *NI* Vol. 25 No. 8 (Aug. 1990) pp. 186-191 illus.

A brief history of counterstamping in the Dutch provinces is provided along with the efforts the government made to curtail the practice.

(Joseph Uphoff)

366 DE GROOT, PAUL F.L. About Those Counterstamps—Spanish Copper Coins and Their Counterstamps in the 17th Century. *NI* Vol. 26 No. 6 (June 1991) pp. 139-150 illus.

The reasons for and evolution of counterstamping during this period is discussed. A catalogue of some of the devices used by Spain's monarchs is also provided.

(Joseph Uphoff)

367 DEANA SALMERON, A. Un recuerdo del rey Carlos III de Borbón, rey de España y de las Indias en el Centenario de su muerte. *GacNum* Vol. 100 (1991) pp. 9-18.

368 DETHLEFS, GERD. Die Gedenkmünzen auf die Unterwerfung der

Stadt Münster 1661. *GN* Vol. 26 No. 141 (1991) pp. 9-28 illus.

After besieging the capital, the bishop of Münster in 1661 conquered the city and forced the capitulation. To celebrate the event an annual procession was funded for which special commemorative thalers, dated 1661, were struck as well as gold 6-ducats. The dies of these thalers dated 1661 are analyzed and the coins assigned between 1661 and 1696. *(Peter Ilisch)*

369 ELGER, H. Eine Kupfermünze des Hochstifts Augsburg. *Berichte* Vol. 30 No. 170 (1990) p. 924 illus.

The author discusses a copper doppelheller of the kipper crisis period, attributing this undated coin to the mint of Henry V of Knörringen, Bishop of Augsburg (1598-1646). *(Author)*

370 ENNO VAN GELDER, H. Changes in fineness in the silver coinage of the Low Countries during the fifteenth century. *NCirc* Vol. 92 No. 9 (Nov. 1990) pp. 315-316 illus.

371 FERSE, ARMIN and LINKWITZ, KLAUS. Merkmale von Kunststilen auf meissnisch-sächsischen Kursmünzen. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 124-125.

The stylistic development of the coin engraver on Meissen and Saxon coins is treated. *(Paul Arnold)*

372 GALVE IZQUIERDO, P. Aproximación elestudio de la cerámica de época emiral en la ciudad de Zaragoza. *Caesaraugusta* Vol. 65 (1988) pp. 233-261.

The author studies a hoard of 30 Visigothic coins. *(Leandre Villaronga)*

373 GEDAI, ISTVÁN. The Influence of the Byzantine Gold Coins in the Carpathian Basin in the Early Middle Ages. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 645-656 illus.

In this article the author delineates the characteristics of the influx of Byzantine coinage in the Carpathian region in the early Middle Ages. *(Andrea Carignani)*

374 GIACOSA, GIORGIO. Un gigliato inedito di Francesco I Gattilusio, signore di Lesbos. *NumAntClas* Vol. 19 (1990) pp. 337-344 illus.

The author discusses a coin struck by Francesco Gattilusio, a Genoese merchant, who became lord of Lesbos (1355-1376). The coin imitates the Neapolitan gigliato of Robert of Anjou. *(Andrea Carignani)*

375 GIOMPINI, MARIO. Il gigliato fiorentino moneta milanese? (Osservazioni su una grida del 1753). *RIN* Vol. 92 (1990) pp. 313-318.

The Florentine gigliato seems to be a unique foreign coin used in the duchy of

Milan under the first monetary reform of Maria Theresa. (Sara Sorda)

376 GOLABIEWSKI LANNBY, MONICA. *Myntfynd från Närke. Landskapsinventeringen 5.* (Stockholm, 1990) [Coin Finds from the Province of Närke. Inventory of Finds, Part 5.] 86 pp. illus. In Swedish.

94 coin finds from all periods are listed and discussed. (Ulla Westermarck)

377 GORINI, GIOVANNI. *Le monete. Asola. Progetto Rocca: lo scavo 1989.* G. Rosada, Ed. *Quaderni di Archeologia del Veneto* Vol. 6. Giunta Regionale del Veneto CEDAM (Padua, 1990) pp. 85-88.

The author publishes ca. 60 coins from the excavation of Rocca di Asolo. A great number of the coins belong to two phases of the early Middle Ages, while two other groups belong to the 17th century and the modern age. (Andrea Carignani)

378 GORINI, GIOVANNI. *Monete da S. Martino di Castelfrè. Castelfrè di Cavaso del Tomba. Saggi di scavo nella chiesetta di S. Martina.* Anna N. Rigoni, Ed. *Quaderni di Archeologia del Veneto* Vol. 6. Giunta Regionale del Veneto CEDAM. (Padua, 1990) p. 130.

Three denari of the late Middle Ages were found in the excavations of the interior of a chapel at Castelfrè near Trento: 2 of Verona in the name of Henry, dating ca. 1150; 1 of Venice, depicting the Doge Andrea Dandolo (1343-1354).

(Andrea Carignani)

379 GÖTZ, WALTER. *Die Pommerschen Münzedikte von 1618 bis 1623.* NH No. 66 (Rostock, 1990) pp. 19-27.

The coin edicts of the Pommerian Duchy, issued between 1618 and 1623, are discussed. (Paul Arnold)

380 HEINZ, KLAUS. *Aus dem Berufsleben des Dresdener Münzmeisters Gustav Theodor Fischer.* NH No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 84-91.

The article is concerned with the Dresden mintmaster Gustav Theodor Fischer, who was supervisor of the Dresden mint from 1845 until 1858. (Paul Arnold)

381 HESS, WOLFGANG. *A German weight bearing the name of an emperor Otto.* NCirc Vol. 98 No. 9 (Nov. 1990) pp. 306-308 illus.

A 10th century weight found in 1989 at the Thames Exchange site in London is discussed. (Edward Bestly)

382 ILISCH, PETER. *Die "kleinen" münsterischen Siegestaler von 1661.* GN Vol. 26 No. 141 (1991) pp. 29-32 illus.

A variety of the victory thaler of the bishopric of Münster dated 1661 and struck by machines on smaller flans can be shown by comparison to contemporary coins

to have been struck between 1694 and approximately 1696/97. To the same period belong golden pieces of 3-ducats. (Author)

383 ILISCH, PETER. Eine bestimmbare "unbestimmbare" Münze des 11. Jh.s. *NNB* Vol. 40 (1991) pp. 122-123 illus.

A badly struck pfennig from Lower Lotharigia can be attributed to the period of Heinrich II (1002-1024). (Author)

384 ILISCH, PETER. Zur Datierung der in nordischen Funden vorkommenden ottonischen Münzen von Köln. *NNA* (1983-84) pp. 123-144 illus.

On the basis of coin finds from Sweden, the author has revised the chronology of the coins of Cologne struck in the name of Otto (936-1002). The redistribution of coins among the three emperors named Otto includes a transfer of Hävernack 34 from Otto I to Otto III. (Ulla Westermarck)

385 INGRAO, BIAGIO. Varianti inedite sulle monete sabaude. *RIN* Vol. 92 (1990) p. 289 illus.

By means of his own private collection the author describes and documents with photographs the variations of the legends struck by the House of Savoy. (Sara Sorda)

386 JAHN, WILHELM. Die Rostocker Kupfermünzen von 1615 bis 1864. *NH* No. 66 (Rostock, 1990) pp. 28-31.

The author outlines a typology of the small copper coins struck by the city of Rostock between 1615 and 1864. (Paul Arnold)

387 JANUSZKIEWICZ, ZOFIA. Domlowo, gm. Grunwald. woj. Olsztyn. Skarb monet krzyżackich z XV w. [Domlowo. Voivoda of Olsztyn. A hoard of Teutonic Knights' Coins from the 15th Century]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 106-108 illus.

In 1974 a hoard of 461 shillings, 12 bracteates and 21 silver buttons, hidden after 1454, was found. (Marta Męclewska)

388 JENSEN, JØRGEN STEEN. A Maastricht coin representing the Investiture of Bishop Otbert of Liège by the Emperor Henry V in 1091. *NCirc* Vol. 98 No. 9 (Nov. 1990) pp. 310-311 illus.

389 JENSEN, JØRGEN STEEN. En planlagt kontramarkering av dansk/norsk Mønt i Sverige under Den store nordiske Krig 1716 [A Planned Swedish Countermarking of Danish/Norwegian Coins During the Great Northern War of 1716] *NNF-Nytt* Vol. 1 (1991) pp. 41-43 illus. In Danish with English summary.

The author publishes a recent acquisition to the Royal Coin Cabinet, Copenhagen:

a Swedish proclamation, issued in 1716, envisaging a countermarking of Danish-Norwegian coins.
(Ulla Westermarck)

390 JUSUE SIMONENE, C. and RAMIREZ VAQUERO, E. La moneda en Navarra. *Sere Panorama* Vol. 9 (1988).

391 KAMINSKI, CZESŁAW and KURPIEWSKI, JANUSZ. *Katalog monet polskich 1587-1632 (Zygmunt III Waza)* [A Catalogue of Polish Coins from the Years 1587-1632 (Sigismund III Vasa)]. (Warsaw, 1990) 516 pp. illus.

Detailed collector's catalogue of 2,594 coins struck by royal, city, private and vassal mints (Poland, Lithuania, Livonia) during the reign of Sigismund III Vasa (1587-1632).
(Marta Męclewska)

392 KEILITZ, KLAUS. Eine seltene Stempelvariante des Klappmünzentalers. *NumBeitr* Vol. 23 No. 3 (1990) p. 14.

The author discusses a rare die variety of a Saxon thaler struck between 1507 and 1512.
(Paul Arnold)

393 KIERSNOWSKI, RYSZARD. Godła kagiellońskie [Jagiellonian emblems]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 1-28 illus. English summary.

The Jagiellon dynasty ruled Poland from 1386 until 1572, but the emblem of the dynasty was not uniform—different coats-of-arms were at the same time a dynastic sign and state or territorial one. The signs called “columns” (kolumny), “chase” (pogoń) and a double cross are discussed.
(Marta Męclewska)

394 KŁAWANS, ZANDER H. The Cavino dies in the Bibliothèque Nationale, Paris. *NCirc* Vol. 99 (1990) pp. 148 illus.

The author discusses the enigma of 17 dies of Giovanni Cavino of Padua at one time in the Cabinet des Médailles in the Bibliothèque Nationale, Paris, but now missing.
(Author)

395 KLUG, WILFRIED. Der Münzfund von Kaiserslautern-Hohenecken. *NNB* Vol. 40 (1991) pp. 129-130.

An unusually composed hoard of groschen denominations, struck between the 14th and the 18th century, is described.
(Peter Ilisch)

396 KLUGE, BERND. Dąbrówka Królewska, gm. Gruta. woj. Toruń. Małe znalezisko brakteatów krzyżackich (1889) [Dąbrówka Królewska, Voivoda of Toruń. A Small Hoard of Teutonic Knights' Bracteates, Found in 1889.] *WN* Vol. 32 Nos. 1-2 (1988) pp. 105-106.

Twelve bracteates in the collection of the Staatliche Museen in Berlin are described.
(Marta Męclewska)

397 KLUGE, BERND. *Deutsche Münzgeschichte von der späten Karolingerzeit*

bis zum Ende der Salier. (Ca. 900 bis 1125). Römisch-Germanisches Zentralmuseum Forschungsinstitut für Vor- und Frühgeschichte Monographien. Vol. 29, *Sigmaringen*. (Jan Thorbecke Verlag, 1991) 302 pp. illus. ISBN 3-7995-4139-X.

A guide through the history of coins and money during the reign of the Ottonians and Salians in the Holy Roman Empire for the general public is published. The development of coinage and minting in this period is analyzed. The evidence of the written sources is compared with the coins themselves. The roles of the rulers, the ecclesiastical institutions and the noblemen toward coinage is discussed. The history of research, iconography and coin inscriptions are considered. Representative coins of all mints and kings and dukes are illustrated. (Peter Ilisch)

398 KLÜSSENDORF, NIKLOT and STEINWASCHER, GERD. Frühe Denkmalpflege auf schaumburg-lippischen Gütern in Mecklenburg. Die Ausgrabung eines bronzezeitlichen Grabhügels bei Tieplitz (Ruchow) und ein mittelalterlichen Münzschatz bei Remplin. *Mecklenburgische Jahrbücher* Vol. 107 (1989) pp. 47-101 illus.

Against the background of the early legislation and administration concerning archaeological discoveries (including coin hoards) in the former Grand Duchy of Mecklenburg-Schwerin, the Remplin hoard is described. In 1830, 990 medieval coins were found at a site owned on a private title by the Prince of Schaumburg-Lippe who resided at Bückeburg. Though a contemporary description of the hoard was prepared by Erhard v. Nettelblatt, a librarian of Rostock University, no publication appeared. The coins were dispersed, as the Prince was not willing to donate the hoard to the University collection, as suggested by v. Nettelblatt. Based on Bückeburg files, the hoard is published with particular attention to the recent discussion on the coinage (including imitations) and circulation of *witten* in Mecklenburg and Pomerania. The hoard is dated ca. 1410; it contained 44 pennies (Mecklenburg, Stralsund), 1 Lubeck dreiling, and witten from Hamburg (4), Lubeck (5), Luneburg (6), Wismar (16), Güstrow (13), Parchim (2), Rostock (115), Anklam (85), Greifswald (57), Stettin (2) and Stralsund (336), plus 2 forgeries. (Niklot Klüssendorf)

399 KLÜSSENDORF, NIKLOT. Der Münzschatz des 16. Jahrhunderts vom Pfarrhausgrundstück zu Neukirchen (Schwalm-Eder-Kreis), entdeckt im Jahre 1711. *Zeitschrift des Vereins für hessische Geschichte und Landeskunde* Vol. 94 (1989) pp. 125-138 illus.

In 1711 a hoard containing 114 gold florins, 2 thalers, and 20 Schreckenburg groschen from Saxony was discovered during the construction of the new parish house of Neukirchen (Hesse). The coins were buried in the early 16th century. From the legal point of view, a unique solution was made. Landgrave Karl of Hesse-Kassel (1670-1730) picked out 4 coins for his collection, 40 coins were given to the workers, the remainder was used to finance the parish house. (Author)

400 KLÜSSENDORF, NIKLOT. *Der Münzschatz von Herborn. Zur Kipperzeit in der Grafschaft Nassau-Dillenburg. Untersuchungen und Materialien zur Verfassungs- und Landesgeschichte*. Ed. by Hessisches Landesamt für geschichtliche Landeskunde, Vol. 12. (Marburg, N.G. Elwert Kommissionsverlag, 1989)

201 pp. illus.

In 1984 a hoard of 10 gold and 1,056 silver coins was discovered in Herborn (Hesse). The hoard was buried at the end of the great inflation (1616-1622). It contained coins from the 12th to the early 17th century from all parts of Europe. The coins were collected as precious metal under the special conditions of the inflation. The hoard represents a unique mixture of good and base coins, thus reflecting the double reality of the contemporary circulation: the withdrawal of good coin, and the frequent use of inflationary coin. On the background of the regional circulation of money, the monetary policy of the Counts of Nassau-Katzenelnbogen is discussed as an example for a country without a mint of her own. The only possible reaction to the monetary crisis was the control of the circulation by decrees and evaluations of the circulating coin. Though not participating in the coin convention of 1623 concluded by Mainz, Hesse-Darmstadt, Nassau-Saarbrücken, and Frankfurt, the counts tried to adjust the monetary units in their country to the Frankfurt system. Particular attention is paid to evaluations and local units of reckoning. (Author)

401 KLÜSSENDORF, NIKLOT. Der neuzeitliche Schatzfund aus dem Antoniterkloster zu Höchst. Stadt Frankfurt am Main. *Schriften des Frankfurter Museums für Vor- und Frühgeschichte*. Vol. 12 (1990) pp. 123-133 illus.

A small hoard of 29 silver coins, buried in the former monastery of St. Anthony in Frankfurt-Höchst, is published. The hoard was buried after 1641 and contained 1 thaler (Saxony), 1 half thaler (Metz) and 27 coins from the Spanish Netherlands. (Author)

402 KLÜSSENDORF, NIKLOT. Le monete italiane circolanti in Assia nel XVI e XVII secolo. *RIN* Vol. 92 (1990) pp. 247-274 illus.

During the 16th and 17th centuries Italian coins were frequently accepted in the territories of Hesse. 20 coin hoards are the primary source material for this circulation; they are presented in a comprehensive list. Italian coins were frequently mentioned in the contemporary legislation and in merchants' guides to the circulating coins. A critical survey is given to the source value of engravings depicting Italian coins. (Author)

403 KLÜSSENDORF, NIKLOT. Münzakten. Zur Quellenkunde der Numismatik und Geldgeschichte der Neuzeit. *HBN* Nos. 33-35 (1979/81, publ. 1988) pp. 153-167 illus.

Based on examples from the Hessian State Archives at Marburg, files are evaluated as a general source for monetary history covering all stages of coin production and the control of the circulation of money (16th to 19th centuries). (Author)

404 KLÜSSENDORF, NIKLOT. Münzfundbericht des Hessischen Landesamtes für geschichtliche Landeskunde, Marburg, Nr. 6 (1984-1986). *FdberHessen* Vol. 26 (1986, publ. 1991) pp. 1-113 illus.

A comprehensive work describing 18 coin hoards and 258 stray finds from the present federal county of Hesse, including indices of the mints, is published. Particular attention is paid to the circulation of money in the early 17th century. (Author)

405 KROMANN, ANNE. Sestini and the Private Collection of King Christian VIII. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 779-790 illus.

The author reconstructs the correspondence and documents from archives concerning the exchanges between Domenico Sestini (1750-1832), a Florentine numismatist, and Christian Frederick, the learned prince and future king of Denmark. The private collection of Christian, formed at this time, constituted the basis for the Collection of Coins and Medals in Copenhagen. (Andrea Carignani)

406 KRUMBACH, KARL GERD. *Aachener Münzen der Neuzeit vom Beginn der Taler-prägung bis zum Ende der Reichsfreiheit*. (Aachen, The Author, Fuchserde 21, D-5100 Aachen, 1989) 214 pp. illus.

The coins and city councillors's tokens of Aachen from the 16th to 18th century are described in detail. The coins of the dominion of Schönau are also included. (Peter Ilisch)

407 KRÜMMER, MARTIN. Schwedische 5-Öre-Stücke aus Kupfer—Proben oder Fälschungen? *NH* No. 66 (Rostock, 1990) pp. 38-42.

The author discusses the forged Swedish 5-Öre coin. (Paul Arnold)

408 KUNZEL, MICHAEL. Münzmeister Simon Lüdemann—ein Gerichtsbericht aus der Kipperzeit. *NH* No. 66 (Rostock, 1990) pp. 43-56.

The author discusses the Mecklenburg coin master Simon Lüdemann. (Paul Arnold)

409 KURPIEWSKI, JANUSZ. Fragment skarbu wczesnośredniowiecznych denarów czeskich z X w. [Fragment of an early medieval hoard of Czech denarii from the 10th century]. *BN* No. 1-3 (1990) pp. 37-43 illus.

In 1970 in the vicinity of Pardubice in Czechoslovakia was found a group of 13 Czech denarii: 12 - Boleslav II (967-999) and 1 - Boleslav III (999-1003), most probably a fragment of a hoard. (Marta Męclewska)

410 LAGERQVIST, LARS O. Sensation - mynttillverkning i Sigtuna på 1180-talet [Sensation - Coin-striking in Sigtuna in the 1180s]. *Makt och manskör i kungens Sigtuna*. (Märsta s.a., 1990) pp. 95-97 illus.

During the 1988 excavations at Sigtuna a piece of lead, which showed the impression of a coin die, was found. The die is attributed to the coins struck under the King Knut Eriksson (1167-1196), who apparently had coins struck in Sigtuna. (Bengt E. Hovén)

412 LAUERWALD, PAUL. Das Eichsfeld—Münz- und Geldpolitik einer kurmainzischen Enklave. *Eichsfelder Heimathefte* Vol. 30 No. 3-4 (1990) pp. 195-207.

The author gives an overview of the monetary history of Eichsfeld. (Paul Arnold)

412 LAUERWALD, PAUL. Funde neuzeitlicher Münzen aus dem Kreisgebiet Norhausen. *Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen, Meyenburg-Museum Nordhausen.* No. 15 (1990) pp. 46-53.

The finds of modern coins from the area of Nordhausen are described.
(Paul Arnold)

413 LAVARONE, MASSIMO. Monete rinvenute in Friuli. *RIN* Vol. 92 (1990) pp. 325-342 illus.

The author publishes a catalogue of medieval and modern coins found during recent excavations on the Colle del Castello of Udine (19 examples) and in the church of S. Giorgio at S. Giorgio at Nogaro (Udine region) (87 examples). (Sara Sorda)

414 LEIMUS, IVAR. Viipurista Tallinnan rahamestariksi [From Viipuri to Tallinn: a moneyer's story]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 3 (May 1991) pp. 58-61 illus.

The career of Mattis Gerdes, who was moneyer at Tallinn (Reval) from 1535 to 1537, is described.
(Tiukka Talvio)

415 LEMME, VINCENZO. Un inedito carlino di Carlo VIII di Francia per la zecca di Chieti. *RIN* Vol. 92 (1990) pp. 243-246 illus.

For the first time the silver coinage struck by Chieti for Charles VIII of France, found in a private collection, is listed and described.
(Sara Sorda)

416 LEYDA DAMIA, J.M. Diners del Ram Valencianos. *GacNum* Vol. 99 (1990) pp. 59-64.

417 LEYDA DAMIA, J.M. Variantes de la moneda de ocho maravedis de Pamplona del año 1823. *GacNum* Vol. 100 (1991) pp. 25-26.

418 LINBERGER, ELSE. Triquetra Korp Cors - myntens bilder en kunglig angelägenhet [Triquetra Raven Cross - the Motifs of the Coins on the King's Order]. *NNF-Nytt* Vol. 1 (1991) pp. 31-35 illus. In Swedish with English summary.

Starting from a new acquisition in the Royal Coin Cabinet, Stockholm, a penny of Anlaf Sihtricsson, ruler of York, 941-944, the author gives examples of the three coin types: triquetra, raven, cross. The compositions provide reasons to believe that the kings took an active part in the choice of coin types.
(Ulla Westermarck)

419 [MAGES, OTTO]. *Geschichte in Gold. Ausstellung eines Hamburger Privarsammlung im Münzkabinett des Museum für Hamburgische Geschichte.* (Hamburg, Museum für Hamburgische Geschichte 1991) 140 pp. illus.

The exhibition catalogue lists and illustrates Vogel collection of gold coins of Hamburg (15th to 20th century), German states (1800-1872) and the German Empire (1872-1915).
(*Peter Ilisch*)

420 MALMER, BRITA. En skandinavisk Long Cross/Quatre-foil-imitation i Årstadfyndet. [A Long Cross/Quatrefoil Imitation in the Årstad Hoard]. *NNF-Nytt* Vol. 1 (1991) pp. 27-30 illus. In Swedish with English summary.

The large Norwegian Viking Age hoard from Årstad, Egesund, contains a coin which the author has incorporated in a die-chain, which presently comprises 25 coins. The mint remains uncertain at the present stage of research. The author dates the coins to the second decade of the 11th century.
(*Ulla Westermarck*)

421 MALMER, BRITA. On Scandinavian quatrefoil imitations. *NCirc* Vol. 98 No. 9 (Nov. 1990) pp. 308-309 illus.

Two groups found in Sweden are discussed.
(*Edward Besly*)

422 MARGINI, GIUSEPPE and CASTAGNA, RITA. *Monete mantovane del XII al XIX secolo* (Mantua, Banca Agricola Mantovana, 1990) 360 pp. illus.

The authors provide a complete reconstruction of the monetary history of the mint of Mantua from the municipal period (1117-1272) through the rule of the Gonzaga and the Gonzaga-Nevers to the end of the Austrian rule and the period of French and Italian unity.
(*Andrea Carignani*)

423 MARTIN, COLIN. Trouvailles monétaires médiévales et la région Lemanique. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 727-734 illus.

Examining several finds in the region of the lake of Lemman, the author reconstructs the activity of the issues of the bishops of Lausanne and Geneva in the Middle Ages.
(*Andrea Carignani*)

424 MARTINEZ-PENATO LAZARO, M.J. Oficiales y enseyadores de la ceca de Toledo: sus privilegios. *GacNum* Vol. 99 (1990) pp. 35-40.

425 MARTINEZ SANTOS, F. Un reseallo de la isla de la Palma. *GacNum* Vol. 100 (1991) pp. 5-8.

426 MARTINI, RODOLFO. *Il ripostiglio di Legnano (Milano), Castello Visconteo, 1979*. (Milan, Comune/Civiche Raccolte Numismatiche ed., 1990) 23 pp. illus.

65 coins come from a tomb opened in 1979 in the environs of Castello. The author discusses and illustrates the examples of the 15th century, mostly from Milan.
(*Sara Sorda*)

427 MARTINI, RODOLFO. *Il ripostiglio di Vicomascana*. (Casalmaggiore, Cremona 1929; Reprinted: Milan, Comune/Civiche Raccolte Numismatic ed., 1990) 29 pp. illus.

The author discusses 40 coins of the 16th and 17th century, from northern Italian mints, which are the final examples of "ca. 40" coins found in 1929. (*Sara Sorda*)

428 MATEU Y LLOPIS, FELIPE. Sobre la política monetaria de Carlos I y Felipe II (1517-1556-1598). Del Taller al Real de a ocho. Del Ducato al Escudo. Una breve síntesis. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 803-836.

The author offers a view of the political and monetary events of Spain in the 16th century, examining the situations in the Iberian peninsula, the territories in Italy and other dominions. (*Andrea Carignani*)

429 MAYHEW, NICHOLAS. An early reference to *Turonenses parvi puri*. *NCirc* Vol. 98 No. 9 (Nov. 190) p. 313 illus.

It is suggested that a reference in the Wardrobe Book of Edward I for 1290 may prove as a *terminus ante quem* (1289-1290) for the maille tierce à l'O rond of Philip IV of France. (*Edward Besly*)

430 MEDRANO MARQUES, M.M. and DIAZ SANZ, M.A. Breve avance a la circulación monetaria en Contrebia Balaisca (Batorita, Zaragoza). *Estado actual de la arqueología en Aragón*. Vol. 2 (1990) pp. 175-188.

431 METCALF, MICHAEL. Cash and Carry. *NNF-Nytt* Vol. 1 (1991) pp. 23-26.

The author points to the importance of the statistical study of pecking and bending to aid understanding of how coins were used in the Northern Lands. (*Ulla Westermarck*)

432 MIELCZAREK, MARIUSZ. Grunwald - Pole Bitwey, gm. Grunwald, woj. Olsztyn [Grunwald - Field of Battle, Voivoda of Olsztyn]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 108-109.

During archaeological excavations on the fields of the Polish - Teutonic Knights' 1410 Battle of Tannenberg in the vicinity of the old chapel, 79 coins from the 15th to the 19th centuries were found. (*Maria Męclewska*)

433 MIKOŁAJCZYK, ANDRZEJ. Ziębicko-oleśnickie monety w europejskim obiegu pieniężnym XVI i XVII stulecia [The Ziębice-Oleśnica Coins in European Money Circulation in the 16th and 17th Centuries]. *WN* Vol. 33 Nos. 1-4 (1989) pp. 44-52 illus. English summary.

Finds of the Silesian coins of the Ziębice-Oleśnica (Münsterberg-Oels) principality are spread widely all over Europe. Differences resulting from discreet nominal values of the gold and silver coins, and thus different functions performed in the

money circulation of central Europe, have been specified by means of charting of the finds of the coins, due to which the local and distant ranges of the circulation have been determined.
(Marta Męclewska)

434 MÜLLER, JÜRGEN. Sinn und Zweck der jährlichen Münzverrufung und Münzerneruerung im Zeitalter der regionalen Pfennigmünze des 12./13. Jahrhunderts. *NumBeitr* Vol. 23 No. 3b/4 (1990) pp. 3-6.

The author discusses the problem of "coin devaluation" (*renovatio monetare*) in the penny period of the 12th/13th centuries in the area of east/central Germany. (Paul Arnold)

435 MUSIAŁEK, STEFAN. Skarb brakteatów krzyżackich z Mikanowa [The Teutonic Knights' bracteate hoard of Mikanowa]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 80-94 illus. English summary.

In 1966 a great hoard of bracteates was found in Mikanowo near Aleksandrów Kujawski, Voivoda of Włocławek. It comprised 7,060 bracteates, 14 fragments and 2 larger coins (1 Prague groschen of John of Luxembourg, 1 lost). They were deposited most probably in the mid-14th century.
(Marta Męclewska)

436 MUSIAŁOWSKI, ADAM. Znaleźiska monet krzyżackich z Torunia i okolicy [Finds of the Teutonic Knights' Coins in Toruń and Vicinity]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 103-105 illus.

Three hoards are described: 86 shillings from 13th-14th century found presumably in Toruń-Kaszownik in 1988; 150 bracteates found in 1760 in Szerokie, Toruń voivodship; ca. 2,000 bracteates deposited after 1489 found in Toruń-Rubinkowo in 1987.
(Marta Męclewska)

437 NATKANIEC-FRASIOWA, JÓZEFA. Denary koronne Władysława Warneńczyka znalezione na Wawelu [The Crown Denarii of Władysław III found at Wawel]. *WN* Vol. 33 Nos. 1-4 (1989) pp. 53-57 illus. English summary.

45 Crown denarii from the time of the reign of Władysław III Warneńczyk (1434-1444) found during the archaeological excavations at the hill of Wawel in Cracow are described.
(Marta Męclewska)

438 NATKANIEC-FRASIOWA, JÓZEFA. Nieznana plomba Władysława Warneńczyka znaleziona na Wawelu [The Unknown Seal of Władysław III found at Wawel]. *WN* Vol. 33 (Nos. 1-4 (1989) pp. 58-61 illus. English summary.

A lead seal found at the hill of Wawel in Cracow should be associated with the work of the royal mint in Cracow in the 15th century.
(Marta Męclewska)

439 NIEDERQUELL, TH. Numismatisches aus der Wetterau - Von "bösem" und "gutem" Geld. *GN* Vol. 26 No. 143 (1991) pp. 142-144 illus.

Notices concerning "good" and "bad" coinage in an offering box in Hesse 1701-1731

give occasion to discuss bad money in general. The historian Dieffenbach (Friedberg, 1818-60) purchased all coins from school children regardless of their condition and thus formed a representative collection of bad money in circulation in the Wetterau region.
(*Peter Ilisch*)

440 NIGGLE, PAUL. Medaillen und Münzen auf Wolfgang Amadeus Mozart. *GN* Vol. 26 No. 141 (1991) pp. 33-37 illus.

441 NITZSCHKE, KATRIN. Schriften zum Münzwesen in der "liberey" des Kurfürsten August. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 48-52.

The author discusses the books concerning coinage in the library of the Saxon Elector August (1553-1586).
(*Paul Arnold*)

442 NORTH, J.J. "Londe Civits". *NCirc* Vol. 98 No. 8 (Oct. 1990) p. 267 illus.

Short- and long-cross imitations from Westphalia are discussed. (*Edward Besly*)

443 OPOZDA, TEOFILA. Skarb monet z XVII w. z Koźła, woj. Opole [The 17th Century Hoard of Coins from Koźle, voivoda of Opole]. *WN* Vol. 33 Nos. 1-4 (1989) pp. 62-65. English summary.

A hoard found at Koźle in Silesia in 1970 contained over 125 coins. 77 are described (the latest dates to 1648).
(*Marta Męclewska*)

444 PANNUTI, MICHELE. Le monete di rame napoletane del 1804 illustrate da documenti inediti. *RIN* Vol. 92 (1990) pp. 291-296 illus.

In 1804 the mint of Naples issued small bronze coinage. Archival documents illuminate the vicissitudes of these issues, and also enable the calculation of the number of coins struck.
(*Sara Sorda*)

445 PASZKIEWICZ, BORYS. Uwagi o XIII-wiecznym skarbie z Łubnic pod Wieluniem [Remarks on the 13th Century Hoard of Łubnice Near Wieluń]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 60-79 illus. English summary.

The hoard found in 1907 in Łubnice, Ruda county, at the Silesian border is discussed generally. The contents have been recently settled: 1,638 pieces in all; 30 coins lately discovered. Hidden in 1269, the coins are exclusively from Lower Lorraine, Friesland and Westphalia, with the addition of English and Brandenburg ones. The owner of the hoard might have been a German colonist (from Cologne ?) directed by the Cistercians to their monastery in Łubnice.
(*Marta Męclewska*)

446 PAWŁOWSKA, JOANNA. Skarb brakteatów krzyżackich z zamku w Kwidzynie [The Teutonic Knights' Bracteate Hoard of the Kwidzyn Castle]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 95-101 illus. English summary.

In 1978 during the excavations of the Teutonic Pomeranian chapter's castle in Kwidzyn (Elbag voivod) a hoard of 234 bracteates was discovered. The hoard should be dated to the second quarter of the 14th century. (Marta Męclewska)

447 PAWŁOWSKA, JOANNA. Znaleźisko monet krzyżackich z kościoła zamkowego a Malborku [Finding of Teutonic Knights' Coins in Castle Church in Marienburg]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 110-111 illus.

305 bracteates, 56 shillings and 1 groschen from the 14th-16th centuries found in the ruins of the church in 1952/53 are described. (Marta Męclewska)

448 PEREZ SINDREU, F. DE P. Hallazgo de setenta monedas de oro en una excombrera pública de Lebrija (Sevilla). *Numisma* Vols. 37-39 (1990) pp. 183-200.

449 PETRY, KLAUS. Die Bernasteler Münzprägung im Anfang des 16. Jahrhunderts. Ein Beitrag zur währungs und preisgeschichtlichen Problematik im Trierer Oberstift zu Beginn der Neuzeit. *Bernkastel - Kues in Geschichte und Gegenwart. Festschrift zum 700 jährigen Städtjubiläum 1991*. pp. 94-126.

The author presents a short general introduction to numismatics in the course of a discussion concerning Bernkastel's mining operations, volume of coinage, trade, prices and wages, as well as a listing of finds, maps and coin illustrations. An addendum describes such things as the errors of a copper engraver from the 18th century, including a reproduction of a fraudulent heraldic constellation for the Trier Elector Richard von Greiffenklau. (Ralf Althoff)

450 PETRY, KLAUS. Die Geldzinse im Prümer Urbar von 830. Bemerkungen zum spätkarolingischen Geldumlauf des Rhein - Maas - und Moselraumes im 9. Jahrhundert. *Rheinische Vierteljahrsblätter* Vol. 52 (Bonn, 1988) pp. 16-42.

The detailed investigation of Prüm Urbar, including charts of interest on money as well as analyses of mints and market towns, yields a picture of coin finds and minting periods of the mints in Lothringen during the late Carolingian period. (Ralf Althoff)

451 POURNOT, JOELLE. Les monnaies angevines frappées au Royaume du Naples (XIIIe-XIVe siècle) dans les collections du Cabinet des Monnaies et Médailles de Marseille. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 685-710.

The author publishes coinage of the Anjou family, in the Marseilles collection, struck in the 2 centuries of the Anjou family in Naples. (Andrea Carignani)

452 RAFF, A. Die Münzen und Medaillen der Württembergischen Nebenlinie Neuenstadt mit einigen Bemerkungen zur Neuenstädter Münz-

sammlung. *Berichte* Vol. 170 (Dec. 1990) pp. 886-923.

453 RAMOS MORENO, M. Las Blancas de Enrique III de la ceca de Burgos y sus variantes. *GacNum* Vol. 99 (1990) pp. 47-54.

454 RÖBLITZ, GÜNTHER. Der Einfluss der sächsischen halben Schwertgroschen und Zinsgroschen auf die Prägungen mitteldeutscher Münzstände um 1500. *GN* Vol. 26 No. 142 (1991) pp. 70-75 illus.

The groschen issues of Saxony struck between 1338 and 1478 and others 1482 to ca. 1500 are surveyed. Saxon groschen types which served as models for equivalent coins of counties of Henneberg, Schwarzburg and Stolberg as well as the city of Mühlhausen, all struck ca. 1500, are discussed. A half- and a full groschen of Holstein, known only from archival sources, are described. (Peter Ilisch)

455 RÖBLITZ, GÜNTHER. Zum Problem der Gothaer Groschenprägung in den 20er Jahren des 15. Jahrhunderts und zur Zuordnung der Schockgroschen mit den Münzherrenbuchstaben FF. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 24-30.

The article describes a new example of a Meissen groschen, not previously part of the sequences. (Paul Arnold)

456 RODRIGUES MARINHO, J. As moedas dos Reinos Taifas nas Collecções Portuguesas. *Jarique* Vol. 2 (1990) pp. 117-132.

457 RUEDA SABATER, M. Primeras acuñaciones de Castilla y León (Resumen de la tesis doctoral). *Numisma* Vols. 37-39 (1990) pp. 209-212.

458 SACCOCCI, ANDREA. Monete venete in alcuni documenti tedeschi del '300. *NumAntClas* Vol. 19 (1990) pp. 321-336 illus.

Based on the examination of several Tyrolean documents of the 14th century, the author reconstructs the vicissitudes of the monetary circulation in the Venetian area between 1275 and 1340. At the beginning of this period, Veronan coinage appeared with Venetian; toward the end of the period the influx of new issues from the Tyrol demonstrates the crisis of Veronan production, which permitted the uncontested domination over the area by the Venetian duke. (Andrea Carignani)

459 SACCOCCI, ANDREA. Presenze di monete lombarde nei ritrovamenti di età medievale dal territorio delle attuali Venezie. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 657-666.

The author offers a brief summary of the finds of Lombard money in the territory of the Veneto, the Friuli and the Trentino Alto Adige. The presence of these coins seem to be sporadic and occasional, although the documentary sources seem to attest a noteworthy frequency. (Andrea Carignani)

460 SACCOCCI, ANDREA. Un ripstiglio di monete aquileiesi, triestine e veneziane da Aquileia. *RIN* Vol. 92 (1990) pp. 199-237 illus.

The hoard, deposited ca. 1218, found in 1969 in the archeological area of Aquileia, comprised 307 coins—from Venice, Aquileia and Trieste. The dies, the weights and the chronologies of the last two mints are studied. The author analyzes the technical aspects, the volume of the issues and range of circulation. (Sara Sorda)

461 SAENZ DIEZ, J.I. Los términos numismáticos en el cartulario del Monasterio de Huerta (Soria). *GacNum* Vol. 99 (1990) pp. 41-46.

462 SAINZ VARONA, F.A. Dos libros de visitas a la casa de la moneda de Burgos. *Numisma* Vols. 37-39 (1990) pp. 139-182.

463 SARVAS, PEKKA. Tallinnan raha Vöyristä [A Coin of Tallinn from Vöyri]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 1 (Jan. 1991) p. 3 illus.

The find of a 14th century artig, struck at Tallinn (Reval), is described. The coin was found on the coast of Western Finland. (Tuukka Tälvio)

464 SCHMIDMAIER, DIETER. Johann David Köhler: Bibliothekar und Gutenbergforscher. *NH* No. 50 (Dresden/Colditz, 1990) pp. 34-40.

The accomplishments of Johann David Köhler in the field of library science are praised. (Paul Arnold)

465 SIETZ, FRITZ GEORG. Zur niederländischen Münzverordnung von 1693—Über den Gegenstempel "L" auf Florijnen, der Lingen an der Ems zugeschrieben wird. *NNB* Vol. 40 (1991) pp. 54-63 illus.

In 1693 the united provinces of the Netherlands agreed to stamp the florijns of 28 stuivers with provincial counterstamps. In this context a counterstamp "L" has tentatively been attributed to the county of Lingen in northwest Germany, which was not a part of the union at this time, but rather under Dutch administration. The author believes that florijns were in essence not in circulation in this county. (Peter Ilisch)

466 SKAARE, KOLBJØRN. *Mynt. Meddelelser nr 22 fra prosjektet "Fortiden i Trondheim bygrunn"*. (Trondheim, 1989) 45 pp. illus.

Coins from recent and earlier excavations at Trondheim are listed. The finds include rare Norwegian coins of the 11th century. A survey of the monetary history of Trondheim is appended. (Ulla Westermarck)

467 SKAARE, KOLBJØRN. Un norvégien en route pour l'Italie. Sur le trésor de monnaies norvégiennes du XIIe siècle trouvé à Vevey (Suisse). *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre, 1991) pp. 667-683 illus.

The author examines a hoard of Scandinavian silver from Vevey in Switzerland found in the last century. The pieces—mostly struck by a single workshop—seem to belong to the first third of the 12th century. The deposit may have been ca. 1180 and may have belonged to a Norwegian tourist of the epoch. (*Andrea Carignani*)

468 SPINELLI, FRANCO. *Per la storia monetaria d'Italia*. Vol. 2 (Torino, G. Giappichelli, 1990) 308 pp.

In this volume are two separate discussions covering the consequences of the great inflation of 1945-47 after WWII and the differences in the exchange rate of the lira with the British pound, French franc and American dollar to the present day. (*Andrea Carignani*)

469 SUCHODOLSKI, STANISŁAW. Czy władcy polscy we wczesnym średniowieczu posługiwali się jabłkiem panowania? [Did Polish Early Medieval Rulers Employ the Orb?] *Kultura średniowieczna i staropolska*. (Warsaw, 1991) pp. 251-259 illus.

Representations of the Polish princes on deniers and bracteates since the 12th century give examples of the use of the orb as an ideal insignum of power. The symbol demonstrates the monarchical tradition in feudal Poland. (*Marta Męclewska*)

470 SUCHODOLSKI, STANISŁAW. Próba datowania brakteatów krzyżackich z XIV-XV w. [A Tentative Dating of the Teutonic Knights' Bracteates from the 14th and 15th Centuries]. *WN* Vol. 32 Nos. 1-2 (1988) pp. 29-59 illus. English summary.

A chronology of bracteates set forth by E. Waschinski in 1934 and M. Gumowski in 1959 is revised after an analysis of the hoards. The great change in the bracteate coinage occurred already in 1360, after the first grossus reform of the Grand Master Winrich von Kniprode. Since that time the bracteates' fineness was decreased, the number of types restricted and the emission volume diminished. (*Marta Męclewska*)

471 SVENSSON, EVA. Myntfynd i Sigtuna [Coin Hoards from Sigtuna]. *Makt och människor i kungens Sigtuna*. (Märsta s.a.) pp. 67-70.

28 Viking Age and later coins found in the excavations of Sigtuna are listed and described. (*Bengt E. Hovén*)

472 SZŁAPINSKI, WŁADIMIR. Szóstaki Jana Kazimierza bite w mennicy lwowskiej w latach 1662-1663 [Six-Grossi Pieces of John Kasimir Struck in Lwów Mint in the Years 1662-1663]. *BN* No. 4-6 (1990) pp. 5-9 illus.

Mintmarks and initials of mint masters characteristic for Lwów 6-grossi pieces of years 1662-1663 are described. (*Marta Męclewska*)

473 TALVIO, TUUKKA. Georgi Mihailovitsh Suomessa 1917-18 (Georgii Mikhailovich in Finland 1917-18]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 2 (March 1991) p. 13 illus.

After the Revolution, the Russian numismatist Grand Duke Georgii Mikhailovich went to Finland, hoping to proceed to England. During the Finnish Civil War in 1918 the Finnish Red government delivered him to the Russian authorities, and he was later shot in St. Petersburg. (Author)

474 TALVIO, TUUKKA. Vuoden 1876 hopearahat [The Finnish Silver Coins of 1876]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 3 (May 1991) pp. 51-54.

According to a popular story, the very rare 25 ja 50 penni coins for 1876 were struck to be distributed to the public during a visit of Emperor Alexander II. This story can, however, be shown to be apocryphal. (Author)

475 TRAVAINI, LUCIA. I denari "tornesi" nella circolazione monetaria dell'Italia meridionale tra XIII e XV secolo. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni Ennerre s.r.l., 1991) pp. 711-726 illus.

The author reconstructs the vicissitudes of the tornesi denari, struck originally at Tours by the Abbey of St. Martin, then in Frankish Greece (Achaia), and then in South Italy. (Andrea Carignani)

476 TRAVAINI, LUCIA. A neglected Cufic copper coin of Roger II of Sicily. *NCirc* Vol. 98 No. 9 (Nov. 1990) pp. 312-313 illus.

477 TRAVAINI, LUCIA. I tarì di Salerno e di Amalfi. *Rassegna del Centro di Cultura e Storia Amalfitana*. (Amalfi). Vol. 10 (1990) pp. 7-60 illus.

The author reconsiders the production of the tarì of the mints of Amalfi and Salerno from ca. 1000, the date of the beginning of the issues of Salerno, to ca. 1222, the year of the closure of the mint of Amalfi. (Sara Sorda)

478 TRAVAINI, LUCIA. Le aree monetarie italiane alla fine del medioevo. *Le Italie del tardo medioevo*. Sergio Gensini, Ed. (Pisa, Pacini Ed., 1990) pp. 361-388 illus.

The author records the major transformations in the monetary circulation of Italy in the 14th and 15th century, distinguishing the monetary areas of central-north, the pontifical state, and the state of Naples. (Sara Sorda)

479 TRAVAINI, LUCIA. Le prime monete argentee dei normanni in Sicilia: un ripostiglio di kharrube e i modelli antichi delle monete normanne. *RIN* Vol. 92 (1990) pp. 171-198.

The author publishes a hoard of 69 kharrube found in Sicily and in the collection of the ANS. The hoard comprises Fatimid and Norman issues, dating before 1140. The author affirms the T introduced by Roger I to the decoration on the Norman coinage of Sicily was influenced directly by the *trias* of Tarentum of the 5th century BC. (Sara Sorda)

480 TRAVAINI, LUCIA. Un grosso federiciano di Zecca incerta: Vittoria 1247. *Notizie dal chiostro del monastero maggiore*. Rassegna di Studi del Civico Museum Archeologico e del Civico Gabinetto Numismatico di Milano. Vol. 43-44 (Milan, 1989) pp. 137-142 illus.

The author publishes a "grosso," a silver coin of Frederick II of Switzerland, struck possibly in 1247 at Vittoria, a city constructed by the emperor on the occasion of the siege of Parma.
(Andrea Carignani)

481 ULONSKA, HANS-JÜRGEN. Stempelvergleich an Prägungen des 17. und 18. Jahrhunderts für die schwedische Herrschaft Wismar. *NH* No. 66 (Rostock, 1990) pp. 68-71.

482 ULONSKA, HANS-JÜRGEN. Wismar oder Stettin?—Diskussion zur Münzstättenzuweisung des schwedischen Guldenstückes von 1684 für die Stadt Wismar. *NH* No. 66 (Rostock, 1990) pp. 72-74.

The author discusses the Swedish coinage struck for the city of Wismar in the 17th and 18th centuries.
(Paul Arnold)

483 VIRK, WOLFGANG. Die Entstehungsgeschichte des mecklenburgischen Angsstalers von 1848. *NH* No. 66 (Rostock, 1990) pp. 80-81.

The author narrates the history of Mecklenburg-Schwerin thalers in 1848.
(Paul Arnold)

484 VIRK, WOLFGANG. Was geschah mit dem Doberaner Münzfund von 1804. *NH* No. 66 (Rostock, 1990) pp. 75-79.

The coin hoard of Bad Doberan, deposited in 1804, is discussed. (Paul Arnold)

485 VOLGANO, I. Three unrecorded 13th century billon coins from the Kingdom of Sicily. *NCirc* Vol. 98 No. 6 (July/Aug. 1990) pp. 201-202 illus.

486 WADINSKY, KLAUS. Zum Münzwesen der Oberlausitz im 13. Jahrhundert. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 14-23.

The author is concerned with the 13th century bracteates of Oberlausitz.
(Paul Arnold)

487 WEILLER, RAYMOND. Die numismatischen Funde. *Hémecht* Vol. 43 (1991) pp. 55-70 illus.

Eighty-four mainly medieval and early numismatic items discovered during excavations in a Gothic cellar in the old part of the town of Luxembourg (îlot du Rost) are published, including a 14th century coin scale and coin weights as well as a Prague groschen countermarked in Soest.
(Author)

488 WEILLER, RAYMOND. Ein unedierter Denar Karls des Kahlen aus der Münzstätte Trier. *Trierer Zeitschrift* Vol. 53 (1990) pp. 291-292 illus. ISSN 0041-2953.

A new penny of King Charles the Bald, struck at Trier in 869/70 and discovered during excavations in the abbey of Echternach, is described and illustrated.

(Author)

489 WENDLER, LOTHAR. Zur Geschichte und Bedeutung der meissnisch-sächsischen Bergmünzstätten des 15. und 16. Jahrhunderts im oberen Erzgebirge. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 31-47.

The article is concerned with mining and coinage in Saxony between 1470 and 150.

(Paul Arnold)

490 WERDENFELS, ÅKE. Skatten från Højatorp [The Hoard from Højatorp]. *NNUM* Vol. 2 (March 1991) pp. 29-31 illus.

In the year 1857 a hoard containing 1,273 coins was found in Højatorp, the parish of Høja, Skane, Sweden. Most probably the hoard was buried ca. 1676-79.

(Bengt E. Hovén)

491 WISEHN, IAN. *Myntfynd från Dalarna*. Landskapsinventeringen, Part 3. [Coins Finds from the Province of Dalecarlia, Sweden. Inventory of Finds] (Stockholm, 1990) 108 pp. illus. In Swedish.

108 coin finds from all periods are listed and discussed.

(Ulla Westermarck)

492 YARAB, DONALD S. The Countermarked Coins of the Knights of Malta. *NI* Vol. 26 No. 5 (May 1991) pp. 105-108 illus.

Countermarks employed on the copper 1, 2 and 4 tari coins are discussed and illustrated.

(Joseph Uphoff)

493 ZEDELIIUS, VOLKER. Die Münzen aus dem Nonnenchor des Klosters Wienhausen. *Nachrichten aus Niedersachsens Urgeschichte*. Vol. 59 (Hildesheim, Verlag August Lax, 1990) pp. 229-236 illus.

48 coins ranging from the late 14th to 18th century found in the nuns' choir of the Wienhausen monastery are listed and illustrated. The majority are late medieval with an emphasis on coins from Lower Saxony and the Wendic area. (Peter Ilisch)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 4, 5, 6, 7, 9, 13, 14, 17, 19, 20, 23, 24, 29, 30.

Technology and Methodology, No. 35.

Roman, Nos. 146, 157.

Near and Middle East, Nos. 208, 222, 225, 232.

United States, No. 501.

Medals and Decorations, Nos. 590, 591, 592, 593, 594, 595, 597, 598, 599, 604, 605, 611, 619, 620, 624, 626, 627, 633, 634, 635, 636, 640, 645, 648, 649, 658, 660, 663, 664, 672, 679, 680, 681, 682, 683, 684, 688, 693, 694, 695, 697.

Paper Money, Nos. 705, 706, 707, 709, 710, 711, 712, 717, 718, 720, 721, 722, 724.

Tokens and Jetons, Nos. 728, 736.

EASTERN EUROPE AND THE BALKANS

494 BUZA, JÁNOS. Báthori Gábor dukája a délnémet pénzforgalomban [The III-groat of Gabriel Bathori in the Circulation Coins in South Germany]. *Numizmatikai Közlöny*. Vols. 88-89 (1989-1990) pp. 89-97. German summary.

Nuremberg forbade the III-groats of Gabriel Bathori in 1611. In connection of this declaration, the author surveys the circulation in foreign countries of the Polish III-groats and the Transylvanian III-groats minted in Polish style. (*István Gedai*)

495 DAVENPORT, JOHN S. The Coinage of the Livonian Order, Knights of the Sword, 1425-1561. *NI* Vol. 26 No. 6 (June 1991) pp. 139-150 illus.

A discussion of the order along with a catalogue of its coins is published. (*Joseph Uphoff*)

496 KOVÁCS, LÁSZLÓ. Régészeti jegyzetek I. László király érméinek sorrendjéhez [Archaeological Notes to the Chronology of Coins of King Ladislas I]. *Numizmatikai Közlöny* Vols. 88-89 (1989-1990) pp. 63-76. German summary.

The author deals with the coins which were discovered in 11th century cemeteries. The chronology of the coins is examined in relation to the maps of the cemeteries. (*István Gedai*)

497 KÖHEGYI, MIHÁLY. Pénzügyi válság az 1811-es devalvációt követően [Financial Crisis after the Devaluation in 1811]. *Numizmatikai Közlöny* Vols. 88-89 (1989-1990) pp. 99-108. German summary.

The author deals with the effects of the devaluation dated 20.02.1811 and the order

of 01.08.1812, the text of which is published.

(István Gedai)

498 MIKOLAJCZYK, ANDRZEJ. Hungarian Coins in the Polish Medieval and Modern Finds. *Numizmatikai Közöny*. Vols. 88-89 (1989-1990) pp. 77-84. Hungarian summary.

The author examines the Polish hoards of the 11th-12th centuries in which Hungarian coins are contained. Hungarian coins first appear in the mid-11th century; later they appear in the 13th century. The roll of Hungarian gold coin were very important in the 14th-16th centuries; subsequently in the 17th century silver coins were very important.

(István Gedai)

499 MURÁNYI, ÁGNES. Az 1987-1988. évi jubileumi érmek gipsztervei [The Plans of the Commemorative Coins of 1987-1988]. *Numizmatikai Közöny* Vols. 88-89 (1989-1990) pp. 133-138. German summary.

The author publishes the plans of the commemorative coins issued by the Hungarian National Bank in 1987-1988.

(István Gedai)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

General, Nos. 4, 28, 30, 157.

Medals and Decorations, Nos. 617, 639, 646, 659, 673, 686, 687.

Paper Money, Nos. 714, 715, 716, 726.

UNITED STATES OF AMERICA

500 ADAMS, JOHN W. *United States Numismatic Literature. Volume II: Twentieth Century Auction Catalogues*. (Crestline, CA, George Frederick Kolbe Publications, 1990) 418 illus.

The author surveys the auction catalogues of the 16 most influential American auction houses of the first half of the 20th century, from Ben Green through Federal Coin Exchange. Each catalogue of sale is individually rated according to the importance of the lots offered and the excellence of its descriptions, and brief mentions of the highlights of each are noted. A supplementary chapter includes reviews of the sales of some of the minor houses, and appendices based upon Martin Gengerke's work arrange the auctions surveyed chronologically and by name.

(Michael Hodder)

501 ANTON, WILLAM T., JR. and KESSE, BRUCE. *The Forgotten Coins of the North American Colonies*. (Lodi, NJ, Woodcliff Publishing Corp, 1990). 83 pp. illus.

The first book-length treatment of counterfeit British halfpence struck for North American Circulation in the pre- and early federal periods together with brief treatments of some French metropolitan issues that evidently circulated in Canada and northern New England. A classification system is proposed, rarity ratings by type and date are suggested, and a survey of major types by date is included. The discussion of known undertypes is given. 4 controversial examples of the Ryder-40 Vermont variety are asserted to be genuine. (Michael Hodder)

502 AUERBACH, MARK. A New and Interesting Example of New Jersey Maria 71-y, Struck over a Machin's Mills Counterfeit British Halfpence. *CNL* Vol. 30 No. 3 (Oct. 1990) p. 1188 illus.

The author publishes a newly discovered example of this Rarity-7 variety, struck over an unattributed Machin's Mills halfpenny. Technical parameters are provided. (Michael Hodder)

503 BARR, DOUGLAS E. Auction Appearance of the Scarce to Extremely Rare Liberty Seated Coinage from the Carson City Mint. *GobrechtJ* Vol. 17 No. 50 (March 1991) pp. 3-13.

A survey of the type in sales from 1972 to 1989 reveals that auction appearances are very limited and that many of these issues are extremely difficult to obtain in any grade. (Michael Hodder)

504 BOWERS, Q. DAVID. *A Buyer's Guide to the Rare Coin Market.* (Wolfeboro, NH, Bowers and Merena Galleries, Inc., 1990) 370 pp. illus.

A handbook for collectors of United States coins, offering suggestions on topics such as how to start a collection, market forces affecting prices, how to buy coins, and how grading affects prices. The author also offers several purchase recommendations. (Michael Hodder)

505 BOWERS, Q. DAVID, Ed. *The Numismatist's Lakeside Companion.* (Wolfeboro, NH, Bowers and Merena Galleries, Inc. 1990).

Third in the editor's Companion series, the present volume is a collection of essays by various authors that originally appeared in *Rare Coin Review* 1983-1988, Bowers and Merena Galleries. (Michael Hodder)

506 BUGERT, BILL. Five Varieties of the 1847-O Doubled Die Half Dollar. *GobrechtJ* Vol. 17 No. 49 (Nov. 1990) pp. 21-25 illus.

The author presents enlarged illustrations of the 5 varieties under discussion, none of which are separately listed by Breen. The author suggests that Mint superintendent Joseph M. Kennedy husbanded the dies sent to him from Philadelphia. The collar used for the first three varieties was not used for the last two, whose diameters and reed counts are smaller. (Michael Hodder)

507 CAMPBELL, JERRY. Hopefully, the Last Word on Mint State 1888-S

Quarters. *GobrechtJ* Vol. 17 No. 50 (March 1991) p. 35.

The author contests an earlier estimate of the rarity of this issue in uncirculated condition, using statistics derived from PCGS grading censuses. (Michael Hodder)

508 CLAIN-STEFANELLI, ELVIRA. Mystery Envelopes 50% Gold Half Union Pieces. *CW* Vol. 32 No. 1604 (9 Jan. 1990) pp. 38, 70 illus.

The author traces the origin of the half union denomination to unsuccessful legislation first proposed by Senator William M. Gwin (CA) in 1854. The idea for a 50% gold coin appears to have been revived in correspondence among Mint Director Henry R. Linderman, Superintendent James Pollock, and Assayer William DuBois in 1857. (Michael Hodder)

509 CLAIN-STEFANELLI, ELVIRA. 1873 Trade Dollar Competition for Peso. *CW* Vol. 32 No. 1609 (13 Feb. 1991) pp. 72-73 illus.

The interest among western businessmen for a coin to compete in the Oriental markets with the Mexican peso provided the impetus for the creation of the two pattern 50% gold pieces today housed in the National Numismatic Collection. The second of two articles, reprinted from the *New England Journal of Numismatics*. (Michael Hodder)

510 *Coinage Laws of the United States, 1792-1894.* (Wolfeboro, NH: Bowers and Merena Galleries, Inc., 1990).

Originally published in 1894, the present edition includes a foreword by David L. Ganz, a table of contents, and an index. (Michael Hodder)

511 *The Colonial Newsletter New Cumulative Index for Serial Numbers 1 through 86.* (Huntsville, AL: Colonial Newsletter Foundation, 1991) 34 pp.

The most recent index of articles and notes from Vol. 1, No. 1 (Oct. 1960) through Vol. 30, No. 3 (Oct. 1990), cross-referenced by volume, serial, and page number. (Michael Hodder)

512 DANEPOWER, COLE N. The California Mint Debate. *Num* Vol. 104 No. 2 (Feb. 1991) pp. 210-218, 299-303, 311-313 illus.

The author analyzes the political and economic factors influencing the establishment of the San Francisco mint in 1854. Early opposition from East Coast interests delayed passage of the necessary legislation, while local resistance delayed full acceptance of the West Coast mint's output until the late 1850s. (Michael Hodder)

513 DOWNEY, SHERIDAN. The REAL Toughies—A Numeric Census. *JRJ* Vol. 5 No. 3 (Dec. 1990) pp. 33-34.

A population census of all current Overton listed Bust half dollar varieties ranked Rarity-5 or higher is published. (Michael Hodder)

514 FAZZARI, F. The 1877/6 Half Dollar. *GobrechtJ* Vol. 17 No. 50 (March 1991) p. 45 illus.

The author publishes an illustration which appears to show the upper curve of a 6 embedded in the upper stroke of the final 7 in the date of his 1877 Type 2 half dollar, and suggests that it is a new overdated variety, 1877/6. (Michael Hodder)

515 FIVAZ, BILL. An 1876-CC Type 22 Dime. *GobrechtJ* Vol. 17 No. 50 (March 1991) p. 43 illus.

The author publishes a specimen showing repunching on the final digit of the date. (Michael Hodder)

516 GENGERKE, MARTIN. *American Numismatic Auctions*. 8th edition. (Rocky River, OH, The Money Tree, 1990) 368 pp.

The latest edition of the guide to auctions containing numismatic properties held in the United States during the 19th and 20th centuries. Listings are by name of auction firm and are arranged chronologically. (Michael Hodder)

517 GILKES, PAUL. Commission Criticizes Coin Designs. *CW* Vol. 32 No. 1607 (30 Jan. 1991) pp. 1, 12 illus.

The designs for the 1991 Korean War and United States Organization commemorative silver dollars, the former by John Mercanti (obverse) and James Ferrell (reverse), the latter by Robert Lamb (obverse) and John Mercanti (reverse), were approved by the Commission of Fine Arts despite criticism by some members that the designs were too cluttered. Drawings of the suggested types are illustrated. (Michael Hodder)

518 GILKES, PAUL. Mitchelson 1894-S Dime Illusionary. *CW* Vol. 32 No. 1606 (23 Jan. 1991) pp. 1, 3 illus.

The specimen of the rare 1894-S dime long believed to be held in the Mitchelson Collection at the Connecticut State Library has been proven non-existent. A search through the Mitchelson inventory notes and the collection of coins has not yielded evidence that the coin was ever part of the collection. (Michael Hodder)

519 GILKES, PAUL 1964 Peace Dollar Subject to Federal Seizure. *CW* Vol. 31 No. 1596 (14 Nov. 1990) p. 28 illus.

First part of a series entitled "Illegal Coins of the 20th Century," this short study of the 1964 Peace dollar discusses most of the known details concerning the striking and subsequent melting of ca. 316,075 examples. Any that may have escaped the Denver Mint's accounting controls are subject to seizure and destruction by the Treasury Department. Treasury's decision not to donate a specimen to the National Numismatic Collection is noted. (Michael Hodder)

520 GREER, BRIAN. The 1873 with Arrows Dime with a Doubled Die Obverse. *GobrechtJ* Vol. 17 No. 50 (March 1991) p. 41 illus.

An enlarged photograph of the obverse die doubling is published. (*Michael Hodder*)

521 GRELLMAN, BOB. Late Date Cent Update. *PW* Vol. 24 No. 6 (15 Nov. 1990) pp. 346-347.

A condition census listing of the cent varieties of 1849 and 1850 is given.
(*Michael Hodder*)

522 GRELLMAN, BOB. Late Date Cent Update. *PW* Vol. 25 No. 1 (15 Jan. 1991) p. 10.

A condition census listing of the cent varieties of 1851 is given.
(*Michael Hodder*)

523 GRELLMAN, BOB. Late Date Cent Update. *PW* Vol. 25 No. 2 (15 March 1991) pp. 71-72.

A condition census listing for the cent varieties of 1852-1853 is given.
(*Michael Hodder*)

524 GRIEB, SCOTT G. Early Western History and the San Francisco Seated Dimes, Part One. *GobrechtJ* Vol. 17 No. 49 (Nov. 1990) pp. 3-12 illus.

A year-by-year analysis of some of the primary details concerning the dimes struck at San Francisco with Gobrecht's Seated Liberty obverse type are given.
(*Michael Hodder*)

525 GRIEB, SCOTT G. Early Western History and the San Francisco Seated Dimes, Part Two. *GobrechtJ* Vol. 17 No. 50 (March 1991) pp. 19-27 illus.

The second part of the author's survey of the denomination's history in the Western branch mint, 1869-1891, is given. Rarities, availability in grade and notable auction appearances of various issues are discussed.
(*Michael Hodder*)

526 GRIFFEE, JOHN. New Jersey Coppers, Part One: M. 41-c. *PW* Vol. 24 No. 5 (15 Sept. 1990).

The author examines the 32 known examples of M. 41-c. (*Michael Hodder*)

527 GRIFFEE, JOHN. New Jersey Coppers, Part Two: Maris 57-n. *PW* Vol. 24 No. 6 (15 Nov. 1990) pp. 348-349.

The author lists and ranks by grade the 12 specimens of M. 57-n known to him.
(*Michael Hodder*)

528 GRIFFEE, JOHN. New Jersey Coppers, Part Three: Maris 47-e. *PW* Vol. 25 No. 1 (15 Jan. 1991) pp. 11-12.

The author lists and ranks by grade the 27 examples of Maris 47-e known to him,

dropping the rarity rating for the variety from R-7 to R-6. *(Michael Hodder)*

529 GRIFFEE, JOHN. New Jersey Coppers, Part Four: Maris 40-b. *PW* Vol. 25 No. 2 (15 March 1991) pp. 56-57.

New Jersey variety Maris 40-b has been considered to be Rarity 6 plus. Griffée's work shows that the actual rarity is much lower, and records 31 different examples. This article also includes revisions to the author's studies of M. 57-n and M. 47-e. *(Michael Hodder)*

530 HAGANS, WILLIAM E. Author Contends Black Lady Modelled for Double Eagle. *NN* Vol. 40 No. 9 (26 Feb. 1991) pp. 54-56 illus.

The author establishes that Hettie Anderson, a black woman from South Carolina, was the model for Augustus Saint-Gaudens' sculpture of Victory in the Sherman monument group. Since the Victory figure served as the inspiration for the artist's figure of Liberty on the obverse of the 1907 high relief double eagle, Hettie Anderson was the ultimate model for the coin design and not Davida Clark, the artist's mistress, as previously believed. *(Michael Hodder)*

531 HERBERT, ALAN. Research Brings Correction on Cause of 'Overdate' Cents. *NN* Vol. 40 No. 7 (12 Feb. 1991) pp. 23-24 illus.

Recent research by Del Romines on the various 1958/7 overdate cent varieties shows that these are not true overdates. Microscopic examination reveals that the markings previously taken as remnants of a 7 are actually lathe marks from the master die responsible for the working dies. *(Michael Hodder)*

532 HETTGER, HENRY T. The Enigmatic 1839/6 Large Cent. *Num* Vol. 103 No. 12 (Dec. 1990) pp. 1942-1943 illus.

The author suggests that the 1839/6 overdated large cent die may actually have been an 1836 with the final digit inadvertently punched in upside down. The die was then saved for use in the appropriate year. *(Michael Hodder)*

533 HETTGER, HENRY T. U.S. Aluminum Die Trials Never Got Nod. *CW* Vol. 32 No. 1618 (17 April 1991) p. 23 illus.

A summary of the proposals for use of aluminum as a U.S. coinage metal is given. Particularly useful for the illustrations of the aluminum pattern "1759" (i.e., 1965) Martha Washington proposal and the 1974 Lincoln cent. *(Michael Hodder)*

534 HODDER, MICHAEL. A Maligned Birch Cent? *PW* Vol. 24 No. 6 (15 Nov. 1990) pp. 332-337.

The Stack's/Roper (Dec. 1983, lot 426) 1792 Birch cent, variety with two stars in edge device, was withdrawn prior to sale as a cast counterfeit. Nevertheless, testing by x-ray diffraction, x-ray fluorescence, polarized microscopy, and other techniques, including comparison with known genuine examples, prove this example to be genuine. *(Michael Hodder)*

- 535 HODDER, MICHAEL.** Halloween at Machin's Mills. *CNL* Vol. 30 No. 3 (Oct. 1990) pp. 1190-1191.

The traditional explanation for a story told about James F. Atlee at Machin's Mills may require reexamination. The masks mentioned as worn to frighten neighbors from the clandestine mint might simply refer to facial protection from the heat and flames of the annealing and smelting hearths. (Author)

- 536 HODDER, MICHAEL.** The 1787 'New York' Immunis Columbia: A Mystery Re-Ravelled. *CNL* Vol. 31 No. 1 (Jan. 1991) pp. 1203-1235 illus.

Comparative die state studies and the evidence of an undertype dated 1788 in the New Jersey series require a revision of the traditional dating of the 1787 Immunis Columbia coppers. This study indicates that the issue was struck ca. late 1788-mid-1789 under the auspices of Matthias Ogden in the original Rahway mint, where New Jersey 16-S and 26-S had also been coined. It is probable that the entire issue was planned for circulation, and was not struck to support Matthias Ogden's 3 March 1787 coinage proposal, but rather, to provide Ogden with another source of revenue free from the 10% seigniorage payable to the state on the New Jersey coinage. Since the coins adhere to the statutory New Jersey weight standard of 150 grains further substantiates that Ogden was their author. The identification of James F. Atlee as the die cutter for the Immunis issue is reexamined and challenged. (Author)

- 537 JONES, STEWART.** A Second Variety for the 1872 Doubled Die Half Dime. *GobrechtJ* Vol. 17 No. 49 (Nov. 1990) p. 31.

- 538 LAWRENCE, DAVID.** *The Complete Guide to Barber Dimes*. (Virginia Beach, VA, DLRC Press, 1991) 123 pp. illus.

The author publishes a catalogue of Barber dimes, 1892-1916, listed by date and mint of issues. Rarity ratings and pricing histories are noted. Known varieties are illustrated. A complete census of the rare 1894-S dime, with plates of 5 of the 10 known, is included. (Michael Hodder)

- 539 LOCKER, DAVID.** The 1873 Carson City Trade Dollar: Historical Perspective. *GobrechtJ* Vol. 17 No. 49 (Nov. 1990) pp. 15-19 illus.

The author presents several historical reasons for the present scarcity of Carson City minted trade dollars. (Michael Hodder)

- 540 LOGAN, CHARLES.** A Numismatic Vision of Mount Rushmore. *Num* Vol. 104 No. 4 (April 1991) pp. 526-534 illus.

The author provides information regarding the legislative history behind the Mount Rushmore commemorative gold eagle, silver dollar and half dollar. (Michael Hodder)

- 541 LOGAN, RUSSELL J.** Condition Census, Pre-Turban Bust Dollars. *JRJ* Vol. 5 No. 2 (Oct. 1990) pp. 10-14.

A tentative condition census listing for half dollars, 1794-1804, is given.

(Michael Hodder)

542 LOGAN, RUSSELL J. The Crushed Lettered Edge Bust Half Dollars of 1833-1836. *JRJ* Vol. 5 No. 3 (Dec. 1990) pp. 13-32 illus.

A carefully reasoned analysis of the 3 proof half dollar varieties dated 1833 (Overton 116), 1834 (Overton 122), and 1835 (Overton 111), all of which share a reverse with 1836 Overton 106 and show edge lettering crushed. Using statistical analytical techniques and macrophotography, the author concludes that the 1833 variety used a master obverse die hub from the 1832-1834 period, the 1834 used one from the 1830-1832 period, while the 1835 die was sunk from a master dating 1834-1836. Weights and diameters correspond to those half dollars minted prior to the Coinage Act of 1837, and the emission sequences established for the varieties suggest that they were struck early in 1836.

(Michael Hodder)

543 LORING, DENIS W. A Silver Retrospective. *PW* Vol. 24 No. 6 (15 Nov. 1990) pp. 352-355.

The author reminisces over his 25 years involvement with collecting and studying large cents. Anecdotes about Dr. William Sheldon and Willard C. Blasdel are included.

(Michael Hodder)

544 LOUIE, CHUCK L. John Reich and His 'Mistress' on the Capped Bust Halves. *JRJ* Vol. 5 No. 3 (Dec. 1990) pp. 5-8.

A short review of some of the facts and speculations about Reich and his career at the U.S. Mint, 1807-1817, is given.

(Michael Hodder)

545 NEISWINTER, JIM. Was the Sheldon-272 Really Discovered Before 1883? *PW* Vol. 25 No. 1 (15 Jan. 1991) p. 32.

Although the discovery of S-272 is traditionally attributed to Henry Chapman in 1919, the author suggests that the real discovery occurred during William Haseltine's arrangement of the Sylvester S. Crosby Collection for sale in June, 1883. The real discoverer was probably Crosby himself, since he included examples of both 1807/6 overdates in his collection.

(Michael Hodder)

546 OVERTON, AL C. *Early Half Dollar Die Varieties, 1794-1836*. Donald Parsely, Ed. 3rd edition. (Escondido, CA, Donald L. Parsley, 1990) 676 pp. illus.

A thorough revision of the second 1970 edition of early half dollar die varieties is given. All 839 die marriages are fully described, including the 13 discovered since 1970.

(Michael Hodder)

547 PECK, SPENCER. A Jersey Enigma. *PW* Vol. 25 No. 1 (25 Jan. 1991) pp. 29-31.

A New Jersey Maris 60-p with an upset edge is discussed. The author speculates

that Jacob Perkins may have acquired it on his way to Philadelphia in 1792 and later he may have run it though the milling machine he is said to have constructed.

(Michael Hodder)

548 PIERCE, PAUL W. An 1853 Doubled Die Half Dollar. *GobrechtJ* Vol. 17 No. 50 (March 1991) pp. 38-39 illus.

Enlarged photographs of the doubling are published.

(Michael Hodder)

549 PILLIOD, CHRISTOPHER F. A Closer Look at the 1838 Small Stars Dime. *GobrechtJ* Vol. 17 No. 50 (March 1991) p. 37 illus.

The reverse of the single die used to coin this issue exhibits Class V Pivoted hub doubling, and not simple recutting as earlier described.

(Michael Hodder)

550 REYNOLDS, TOM. Examining the Rarity Ratings, Part 10 (1846-1847). *PW* Vol. 24 No. 6 (15 Nov. 1990) pp. 349-351.

Census information developed by the author suggests that some rarity ratings need to be revised, and that N-25 of 1847, rated as common, may either be of the highest rarity or non-existent.

(Michael Hodder)

551 REYNOLDS, TOM. Examining the Rarity Ratings, Part 11 (1848-1849). *PW* Vol. 25 No. 1 (15 Jan. 1991) pp. 12-14.

Rarity ratings for many varieties of both dates require revision, based upon the author's study. Most 1848 varieties can apparently be found in EF-40 or higher grades, while high grade 1849 dated large cents are apparently not possible.

(Michael Hodder)

552 REYNOLDS, TOM. Examining the Rarity Ratings, Part 12 (1850-1851). *PW* Vol. 25 No. 2 (15 March 1991) pp. 59-61.

Many of the 1850 and 1851 rarity ratings require revision, since none are truly rare.

(Michael Hodder)

553 ROCHETTE, EDWARD C. *The Romance of Coin Collecting* (Wolfeboro, NH, Bowers and Merena Galleries, 1991) 184 pp. illus.

Many of the author's articles which have appeared in various popular numismatic publications are compiled.

(Michael Hodder)

554 ROCK, JEFF. Books About U.S. Silver and Gold Coins Prior to 1837 and Pioneer and Territorial Gold. *Asylum* Vol. 8 No. 4 (Winter, 1990) pp. 7-15.

Part Two of the annotated bibliography of U.S. numismatic literature covering authors from Walter Breen to Octavius T. Howe is published.

(Michael Hodder)

555 ROCK, JEFF. Books About U.S. Silver and Gold Coins Prior to 1837 and Pioneer and Territorial Gold. *Asylum* Vol. 9 No. 1 (Spring, 1991) pp. 4-10.

The third part of the author's annotated bibliography, which includes notes of different editions, photographic plate variants and current market values.

(Michael Hodder)

556 ROCK, JEFF. Numismatic Literature for Pioneer and Territorial Gold. *Brasher Bulletin* Vol. 3 No. 3 (Fall, 1990) pp. 6-10.

Part III of the author's survey of useful references for pioneer and territorial gold coins, covering authors from Clarence Hurlbut to J.L. Riddell. (Michael Hodder)

557 SALYARDS, HARRY E. On Squaws' Heads and Chain Cents. *PW* Vol. 25 No. 1 (15 Jan. 1991) pp. 26-27.

The author suggests that the pejorative "Squaw's Head" did not apply to federal copper coinage, but rather was aimed at the designs on federal silver coins.

(Michael Hodder)

558 SALYARDS, HARRY E. The 1847 Doubled Die Quarter. *Gobrecht J* Vol. 17 No. 50 (March, 1991) pp. 32-33 illus.

Enlarged photographs of the 1847 doubled die quarter are published for the first time.

(Michael Hodder)

559 SCHELL, RICHARD E. Plastic, Glass Among Alternatives to Copper. *CW* Vol. 32 No. 1609 (13 Feb. 1991) pp. 80-81, 86 illus.

War-time shortage of copper for cents led the U.S. Mint to commission experimental planchets in glass, plastic, laminated paper, cardboard, and bakelite. Shortages of other raw materials finally led the Mint to strike the zinc plated steel cents of 1943.

(Michael Hodder)

560 Second 1942 Brass Cent Confirmed by Analysis. *NN* Vol. 41 No. 16 (16 April 1991) pp. 4, 22 illus.

A second example of the 1942 cent struck on brass stock intended for Peruvian issues has been confirmed by x-ray spectrography. Analysis yielded readings of 81% copper, 17.6% zinc, 1.2% tin and traces of nickel and iron. The piece weighs 51.2 grains.

(Michael Hodder)

561 SMITH, PETE. Career of Early Numismatic Publisher Marked with Changes. *NN* Vol. 41 No. 19 (7 May 1991) pp. 28-29, 40-43 illus.

A biographical sketch of A.M. Smith (1841-1915), publisher of numerous numismatic books and pamphlets, owner of the 1884 trade dollar in copper and 12 other copper "trials" purchased from the Mint in 1884, is given.

(Michael Hodder)

562 SMITH, PETE. Names with Notes—Part Two. *PW* Vol. 24 No. 6 (15 Nov. 1990) pp. 338-345.

A listing of individuals, with brief biographies, who have contributed to the study

of U.S. large cents, F.C.C. Boyd through H.O. Granberg, is given. *(Michael Hodder)*

563 SMITH, PETE. Names with Notes—Part Three. *PW* Vol. 25 No. 1 (15 Jan. 1991) pp. 4-9.

A continuation of the author's listing of notable individuals connected to the study of large cents, J.R. Grellman through J. McGuigan, is presented. *(Michael Hodder)*

564 SMITH, PETE. Names with Notes—Part Four. *PW* Vol. 25 No. 2 (15 March 1991) pp. 62-70.

The fourth part of the author's listing of large cent researchers, covering B. Max Mehl through Hillyer Ryder, is given. *(Michael Hodder)*

565 STEIMLE, FRANK. A New Atlee-Machin's Mills Counterfeit British Halfpence Reverse & Variety. *CNL* Vol. 30 No. 3 (Oct. 1990) pp. 1189 illus.

The author publishes a newly discovered reverse die, in combination with obverse V-4, which appears to be dated either 1771 or 1777. The new variety may now be catalogued as Vlack 4-71D. *(Michael Hodder)*

566 TRUDGEN, GARY. John Bailey's *New York Packet* Affidavit. *CNL* Vol. 30 No. 3 (Oct. 1990) p. 1187 illus.

On 1 August 1789 John Bailey, New York cutler, swore before a city alderman that he had not coined any New Jersey coppers since 15 April 1788. The discovered newspaper transcript of the affidavit is published in its entirety for the first time. *(Michael Hodder)*

567 TRUDGEN, GARY. New York City Mayor's Court and the State Coinages. *CNL* Vol. 30 No. 3 (Oct. 1990) pp. 1192-1202.

The dockets of the New York City Mayor's Court 1784-1791 record the names and charges of local petty criminal and civil cases. On the basis of these dockets, the author summarizes the litigation of clandestine coinages of the period. *(Michael Hodder)*

568 Unlisted U.S. Pattern Surfaces in Italy. *CW* Vol. 32 No. 1616 (3 April 1991) pp. 1, 16, 18 illus.

A third example of the pattern 1783 Constellatio Nova bit was acquired in Philadelphia in the 1920s. Taken to Italy, it was recently authenticated. *(Michael Hodder)*

569 VAGI, DAVID L. '74 Aluminum Cent Controversial Trial Piece. *CW* Vol. 31 No. 1597 (21 Nov. 1990) pp. 28, 30, 32 illus.

The second in a series entitled "Illegal Coins of the 20th Century," this study of the 1974 Lincoln cent struck in aluminum describes the ill-fated experimental issue never adopted for regular coinage. *(Michael Hodder)*

570 VOLL, EDWIN. A New Variety of the 1875-CC Twenty Cent Piece.

GobrechtJ Vol. 17 No. 49 (Nov. 1990) pp. 33-34 illus.

571 WELLS, ANDREW C. Some Odd Die Varieties of the 1843-O Small O Quarter. *GobrechtJ* Vol. 17 No. 49 (Nov. 1990) pp. 27-30 illus.

572 WHITE, WEIMAR W. New Evidence Shows Proof Mintages for 1858 Liberty Seated Coinage to be Much Higher than 80 Pieces. *GobrechtJ* Vol. 17 No. 50 (March, 1991) pp. 28-30.

Based upon auction appearance frequency, the author suggests that between 282 and 382 proof 1858 half dimes, dimes, quarters, half dollars, and dollars were struck, rather than the traditionally accepted figure of just 80. (Michael Hodder)

573 WITHAM, STEWART P. Johann Mathias Reich, the Facts. *JRJ* Vol. 5 No. 3 (Dec. 1990) pp. 9-10.

Fact and fiction concerning Reich are described and discussed. (Michael Hodder)

574 WITHAM, STEWART P. John Reich's 'Scallops'. *JRJ* Vol. 5 No. 3 (Dec. 1990) pp. 1-12.

On the half-dollars of 1807-1815, the 13th obverse star bears a nick on one point. The author discusses its significance. (Michael Hodder)

For additional references to the numismatics of the United States, see the following abstracts:

Technology and Methodology, No. 34.

Canada, No. 576.

Medals and Decorations, Nos. 595, 596, 618, 630, 631, 632, 641, 642, 651, 665, 675, 676, 696.

Paper Money, Nos. 701, 708.

Tokens and Jetons, Nos. 731, 734, 735, 737, 738.

CANADA

575 *The Charlton Standard Catalogue of Canadian Coins.* 45th edition (Toronto: The Charlton Press, 1991) 235 pp. illus.

The newest edition of the basic collector's guide to Canadian and provincial decimal and earlier issues. The book includes short introductions to coin types in circulation in Canada prior to 1760, as well as lists of Canadian and provincial patterns, off-metal strikes, and other issues. (Michael Hodder)

576 LA MARRE, THOMAS. Early Bankers Did Not Support Proposal

for a Canadian Mint. *CCN* Vol. 28 No. 19 (22 Jan.-4 Feb. 1991) p. 22.

The outflow of Klondike gold to Seattle and San Francisco convinced Canadian authorities of the need for a national mint. The author recounts some of the early correspondence regarding support for, and opposition to, the establishment of the Ottawa mint in 1908.
(*Michael Hodder*)

577 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 10 (Nov. 1990) pp. 381-385.

Part XIII of the series discusses the special sets of Canadian coins struck for collectors from 1951 to the present and specimen coin sets issued from 1858 to the present.
(*Michael Hodder*)

578 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 35 No. 11 (Dec. 1990) pp. 410-411.

Part XIV describes the Prince Edward Island large cent. Prince Edward Island was the last of the Canadian colonies to adopt the decimal system.
(*Michael Hodder*)

579 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 36 No. 2 (Feb. 1991) pp. 52-54.

Part XVI describes the coinage of New Brunswick from half cents through twenty cent pieces.
(*Michael Hodder*)

580 WILLEY, R.C. Canadian Decimal Coins and Currencies. *CNJ* Vol. 36 No. 3 (March 1991) pp. 102-104.

Part XVII covers the Newfoundland large cent issues of 1865-1936. (*Michael Hodder*)

581 WILLEY, R.C. Is a New Coinage Ever Truly Welcome? *CNJ* Vol. 36 No. 3 (March 1991) pp. 94-99.

A summary of some of the issues recently introduced into Canadian circulation 1721-1988 is published. The popular resistance toward new coinage is described.
(*Michael Hodder*)

For additional references to the numismatics of Canada, see the following abstracts:

United States, No. 501.

Medals and Decorations, Nos. 628, 704.

Tokens and Jetons, No. 730.

MEXICO, CENTRAL AND SOUTH AMERICA

582 DEANA SALMERON, A. Rerísima pieza fundida de 8 reales de Chihuahua con el resello del señor de Morelos. *GacNum* Vol. 100 (1991) pp. 21-23.

583 DYM, K.A. Los primeros enseyedores de Potosí. *GacNum* Vol. 99 (1990) pp. 55-58.

584 GIL FARRES, OCTAVIO. Los Españoles en las Indias Occidentales: Exploraciones, tesoros, monedas. IV. Desde 1530 hasta 1539. *NumAntClas* Vol. 17 (1988) pp. 317-339.

In the sixth chapter of a broad study dedicated to the circulation of money and precious metals in the New World, the author examines the events in the New World (among other things, the conquest of El Dorado) from 1530 to 1539.

(*Andrea Carignani*)

585 MARGOLIS, R. The Soho Mint's token coinage of 1791 for Barbados. *NCirc* Vol. 98 No. 6 (July/Aug. 1990) p. 200 illus.

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:

United States, No. 560.
Medals and Decorations, Nos. 610, 652.

OCEANIA

586 GILBOY, F. Falsificación de resellos filipinos de los años 1832-1837. *GacNum* Vol. 100 (1991) pp. 27-42.

587 SKINNER, DION H. *Renniks Australian Coin and Banknote Values*. 15th (Anniversary) edition. (Burnside, South Australia, Renniks Books, 1989) 354 p. illus.

A comprehensive catalogue of Australian monetary (non-metallic) numismatica, beginning with proclamation issues and continuing to the present (both metallic and

paper), including the extensive token issues (almost half of the book) and a special section on WWI and WWII emergency issues and war bonds. (*Joseph E. Boling*)

588 SUMERAGI, MUTSUO. *Kakinokoshite Okitai Fuiripin Sen Hishi* [Unwritten Secrets of the Philippine War]. (Yamato City, Kanagawa, Japan, The Author 1988) 206 pp. illus. In Japanese.

589 YIH, T.D. The Rare Indonesian Lead Coin. Trans by Yao Shuomin. *China Numismatics* No. 31 (1990) p. 63. In Chinese, ISSN 1001-8638.

Several very rare pieces of Indonesian lead square hole round coins with deformed Chinese characters were noted the author in this paper.

For an additional reference to the numismatics of Oceania, see the following abstract:

Medals and Decorations, No. 644.

MEDALS AND DECORATIONS

590 AHO, ARVO. Katsaus Suomen Mitalitaiteen Killan toimintaan 1985-1990 [The Finnish Art Medal Society: A Review of the Years 1985-90]. *Mitali - Medaljen* No. 2 (1990) 37 pp.; Swedish summary, p. 38.

591 ALBERT, RAINER. Karl Goetz und "Die Schwarze Schmach". Zur Geschichte der französischen Besetzung der Pfalz nach dem 1. Weltkrieg. *NNB* Vol. 39 No. 9 (1990) pp. 212-221 illus.

The historical background as well as the contemporary public opinion of the anti-French medals by Goetz, which denounce the French occupation of the Rhineland, are discussed. (*Peter Ilisch*)

592 ARNOLD, PAUL. Kurfürst Friedrich der Weise von Sachsen als Förderer der Medaillenkunst. *The Medal* No. 17 (Autumn 1990) pp. 4-9 illus.

The influence of Friedrich the Wise, elector of Saxony (1486-1525), on the development of medallic art in Germany is discussed. (*Edward Besly*)

593 ARNOLD, PAUL; HANNIG, PETER; and GRUND, RAINER. Münzkabinett. (Katalog). Königliches Dresden: Höfische Kunst im 18. Jahrhundert. (Kunsthalle der Hypo-Kulturstiftung München, Ausstellung 17. November 1990 - 3. März 1991). (München, Priestel-Verlag 1990) pp. 131-142 illus.

The authors discuss the selection of 23 representative medals concerning Saxon history of the 18th century and the Saxon-Wittenbach union. *(Paul Arnold)*

594 BALAGUER, A.M. Deteció i significació d'algunes medalles Montserratines. *Ardit* Vol. 6 (1990) pp. 218-221.

595 BANISTER, GEORGE T. The American Field Service Medal in World War One and the Friends of France. *MC* Vol. 42 Nos. 1-2 (Jan.-Feb. 1991) pp. 5-19.

A history and catalogue of the awards of this group which operated light ambulances in direct support of French combat divisions during 1914-1917. *(George S. Cuhaj)*

596 BENTLEY, ANNE. The Columbia-Washington Medal. *Proceedings of the Massachusetts Historical Society* Vol. 101 (1989) pp. 120-127 illus.

A history of the authorship and striking of the Columbia-Washington medal, drawn from archival materials conserved at the Massachusetts Historical Society, is given. The author provides a census of known examples struck in silver, copper and pewter. *(Michael Hodder)*

597 BISCHOFF, FRIEDRICH. Ständische und kommunale Prägungen Zeugnisse im 16. Jahrhundert. *GN* Vol. 26 No. 144 (1991) pp. 172-177 illus.

598 BLOCK, DAVID. Napoleonic Medals: The Prussian Campaign. *NI* Vol. 25 No. 12 (Dec. 1990) pp. 273-285 illus.

A brief history of the war with Prussia, along with a catalogue of some of the commemorative medals, is presented. *(Joseph Uphoff)*

599 BLOCK, DAVID. Napoleonic Medals: The Spanish Campaign. *NI* Vol. 26 No. 6 (June 1991) pp. 128-130 illus.

Medals issued to commemorate the events of this war are discussed and catalogued. *(Joseph Uphoff)*

600 BÖRNER, LORE and STEGUWEIT, WOLFGANG. *Die Sprache der Medaille: Wegleitung zur Ausstellung des Münzkabinetts*. (Staatliche Museen zu Berlin, 1990) 63 pp. illus.

The publication comprises an instructive introduction to the exhibition "Die Sprache der Medaille," concerning the medals of the Renaissance, Baroque, Neoclassical and Jugendstil periods up to the present day. *(Paul Arnold)*

601 Brabant Provincial Committee for Applied Art and Crafts. *Japanese Art-Medal* (Brussels, The Author 1989) 156 pp. illus. In English, French and Dutch.

A catalogue of the Japanese medals exhibited at the EUROPALIA '89 - Japan

in Belgium festival, 19 October-11 November 1989, is published. Over 300 medals of 14 medalists and 27 additional artists are presented. The principal Japanese member of the selection committee was Keiichi Uryu, winner of the Saltus Medal in 1989.

(Joseph E. Boling)

602 BRYDEN, D.J. Medals for funerals; Thomas Woods and the Roet-tiers Medals of 1694/5. *The Medal* No. 18 (Spring, 1991) pp. 23-28 illus.

603 CARLSON, CARL W.A. Wright portrait medals a collector's challenge. *CW* Vol. 32 No. 1617 (10 April 1991) p. 84 illus.

The portrait medal of Charles Cushing Wright, by F.B. Smith and Hartmann, is known in copper and white metal. Only one specimen of the former survives, while three of the latter have been recorded.

(Michael Hodder)

604 COLSON, TONY. German Veterans Association Badges. The Grand Duchy of Baden. *MC* Vol. 42 No. 4 (April 1991) pp. 4-8 illus.

605 COLSON, TONY. German Veterans Association Badges. Grand Duchy of Hessen. *MC* Vol. 42 No. 5 (May 1991) pp. 10-16.

This article is sixth in a series.

(George S. Cuhaj)

606 CURTIS, BEVERLEY THOMAS. Medals issued by the International Association of Professional Numismatists. *The Medal* No. 15 (Autumn 1989) pp. 56-59 illus.

607 DAMKOWSKI, ZOFIA. Jozef Stasinski, tradition and innovation. *The Medal* No. 15 (Autumn, 1989) pp. 60-67 illus.

608 DARNIS, JEAN-MARIE. Georges-Henri Prud'homme, graveur, medaillieur, ceramiste et sculpteur. *The Medal* No. 15 (Autumn, 1989) pp. 28-33 illus.

609 DARNIS, JEAN-MARIE. Un dessin de médaille du statuaire Leniot retrouvé. *The Medal* No. 18 (Spring, 1991) pp. 50-55 illus.

610 DEANA SALMERON, A. Medalla conmemorativa de la XI Exposición Numismática, 450 años Bogotá, 1988. *GacNum* Vol. 100 (1991) pp. 51-53.

611 DETHLEFS, GERD. Lauffer contra Vestner. Zur Medaillenprägung in Nürnberg 1714-1732. *Münstersche Numismatische Zeitung* Vol. 20 No. 1 (Feb. 1990) pp. 8-15; No. 2 (Nov. 1990) pp. 4-7 illus.

The Free Imperial City of Nuremberg was a center of commercial medal making

in Germany from ca. 1680 to the end of the Holy Roman Empire. These medals—made to commemorate important political and military events—were produced by the official city mint and by the privileged factory of Caspar Gottlieb Lauffer. When the engraver Georg Wilhelm Vestner in 1728 received imperial privilege to make medals in his own house, Lauffer tried to suppress this competitor. Six documents from the Nuremberg archives are published completely. (Author)

612 DÖRY, LUDWIG BARON. Bruderschaftsmedaillen. Ein Problemaufriss. *Jahrbuch für Volkskunde Neue Folge* Vol. 3 (1980) pp. 113-136.

613 DUCHAMP, MICHEL. Du nouveau sur la médaille de Michel Ange par Santarelli. *The Medal* No. 18 (Spring, 1991) pp. 56-59 illus.

614 DUCHAMP, MICHEL. Philippe Gengembre (1764-1838), Inspecteur général de la Monnaie de Paris. *The Medal* No. 16 (Spring, 1990) pp. 31-37 illus.

615 EIMER, CHRISTOPHER. British Medals and their makers 1900. Part I, *The Medal* No. 15 (Autumn, 1989) pp. 10-23 illus.; Part II, *The Medal* No. 16 (Spring, 1990) pp. 58-68 illus.

616 EIMER, CHRISTOPHER. Sir John Craig and medal making at the Mint. *NCirc* Vol. 98 No. 6 (July/Aug. 1990) pp. 195-197 illus.

617 ELLIOTT, J. ROBERT. Order of the Three Stars of Latvia. *MC* Vol. 42 No. 4 (April 1991) pp. 27-35.

618 EMERSON, WILLIAM K. Training Awards of the 2nd Armored Division, ca. 1951-1954. *MC* Vol. 42 No. 5 (May 1991) pp. 4-9.

Unit mode decorations, such as the Brossus Hattus, Order of Devil first class and the Outstanding Armored Warrior, are discussed. (George S. Cuhaj)

619 FİŞEKÇİOĞLU, G. Mimar Sinan Hatıra Parası [Commemorative Coin of Mimar Sinan]. *BültenTürkNumSoc* Vol. 28 (1990) pp. 12-14.

620 FİŞEKÇİOĞLU, G. Öğretmenler Günü Hatıra Parası [Commemorative Coins of Teacher's Day]. *BültenTürkNumSoc* Vol. 28 (1990) pp. 15-17.

621 FRÖHLICH, JOACHIM and MÖGEL, ROLF. Numismatische Würdigungen des Forstmannes Heinrich Cotta. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 78-83.

The authors discuss the commemorative medals to honor Heinrich Cotta as well

as his own distinguished work.

(Paul Arnold)

622 GARDINER, ANNE BARBEAU. The medal that provoked a war: Charles II's lasting indignation over Adolfzoon's Breda Medal. *The Medal* No. 17 (Autumn, 1990) pp. 10-15 illus.

See reply, *NL* 126-668.

623 GRIFFITHS, ANTHONY. Advertisements for medals in the London Gazette. *The Medal* No. 15 (Autumn, 1989) pp. 4-6 illus,

Notes on the sale of medals in London between 1680 and 1695 are published.
(Edward Besly)

624 GRIFFITHS, ANTHONY. The design and production of Napoleon's *Histoire Métallique*. Part I. *The Medal* No. 16 (Spring, 1990) pp. 16-30 illus; Part II. *The Medal* No. 17 (Autumn, 1990) pp. 28-38 illus; The end of Napoleon's *Histoire Métallique*, Part III. *The Medal* No. 18 (Spring, 1991) pp. 34-49 illus.

625 GRUND, RAINER. Andor und Michael Mészáros. *The Medal* No. 17 (Autumn 1990) pp. 54-63 illus.

Medals by Andor Mészáros (1900-72) and his son Michael (b. 1945) are discussed.
(Edward Besly)

626 GRUND, RAINER. Auf Sachsen bezügliche Medaillen und Plaketten von Paul Sturm. *NH* No 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 97-107.

The author discusses the medals of Paul Sturm which illustrate Saxon character and historical events.
(Paul Arnold)

627 GRUND, RAINER. Die Medaillenkunst in der DDR von 1984 bis 1989. *The Medal* No. 16 (Spring 1990) pp. 82-95 illus.

628 HEBERT, RAYMOND J. The Substance of Things Hoped For: A Brother Andrew (Frere Andre) Medal. *NI* Vol. 26 No. 7 (July 1991) pp. 158-160 illus.

A medal issued to honor Brother Andrew, a priest in Westmont, Montreal (1845-1937) is described along with a biography.
(Joseph Uphoff)

629 HÉRI, VERA. Éremritkaságok a Nemzeti Múzeum Éremtárában [A Rare Medal in the Department of Coins and Medals of the National Museum]. *Numizmatikai Közöny* Vols. 88-89 (1989-1990) pp. 85-87. German summary.

The author publishes a medal from the 16th century which depicts the wedding

of Canaan, including its various prototypes.

(István Gedai)

630 HEYL, EDGAR G. Articles on Medallic History Unrecorded in the Numismatic Literature. *TAMSJ* Vol. 31 No. 2 (April 1991) pp. 52-78.

A bibliography of articles which have appeared in obscure publications is presented. Articles are listed by geographical areas and cover most of the world's 19th and 20th century literature. Listings for the United States appear on pp. 67-71.

(Michael Hodder)

631 INFANTI, STEVEN and STEDNITZ, ANDREW. *The Noble Peace Prizes: A study of the George Washington Administration and Treaty of Greenville [sic] Indian Peace Medals.* (The Authors, n.p., 1990) 163 pp. illus.

A study of the Greenville Treaty of 1795, the medals awarded to participating native Americans and the Washington oval Indian Peace medals is published.

(Michael Hodder)

632 JACKSON, COLIN. John Paul Jones and the Capture of the *Serapis*. *The Medal* No. 17 (Autumn, 1990) pp. 39-40 illus.

An American-British naval engagement of 1779 was commemorated on a medal by Dupré.

(Edward Besly)

633 JACQUIOT, JOSÈPHE. Nicolas de Launay et les balanciers de 'la Monnoye de Paris.' *The Medal* No. 15 (Autumn, 1989) pp. 7-9 illus.

634 JONES, MARK. "Proof stones of history": The status of medals as historical evidence in seventeenth century France. *Medals and Coins from Budé to Mommsen.* (London, The Warburg Institute 1990) pp. 53-64 illus.

The author examines the movement in France from ca. 1600 recording the history of France, past and present, through the medium of the medal. Coin collecting already had been an endeavor of the educated, as evidenced in Hubertus Goltzius's travel log, and a desire developed to emulate the metallic history of Rome to which France considered itself spiritual heir. The article relates in detail the varied attempts in that direction, beginning under Henry IV and culminating in 1712 with the commission of Jean Dasser for his medallic series of the French kings. (Mark M. Salton)

635 JORDAN, REINHOLD. Medaillen auf Widukind und die Sachsenkriege Karls des Grossen. *Numismatische Manuskripte* Vol. 12 No. 8 (Schweinfurt, Numismatische Gesellschaft Schweinfurt 1990) pp. 34-54 illus.

636 JULIAN, ROBERT W. The Isaac Shelby Medal. *Num* Vol. 103 No. 12 (Dec. 1990) pp. 1956-1959 illus.

A short history of Governor Isaac Shelby's career and the Battle of the Thames (1813), together with a more detailed narrative concerning the award and execution

of Shelby's gold medal (first struck in 1824) is given.

(Michael Hodder)

637 KAIZINGER, RITA. A Zenetörténeti Múzeum Gyűjteményei. 1. Éremtár [The Collections of the Museum of History of Music. 1. Numismatic Collection]. *Zenetudományi Dolgozatok* [Studies on the Science of Music]. (1988) pp. 129-139. English summary.

The author gives short descriptions of the music medals, the portraits of composers, the institutions of music, and the delineations of various allegories. 20 medals are illustrated.

(István Gedai)

638 KAOPER, ALAN F. Photographing Medals. The World of Medals Close-Up. Part I. *MC* Vol. 42 No. 5 (May 1991) pp. 17-22 illus.

Helpful photographic techniques are related.

(George S. Cuhaj)

639 KOVÁSZNAI, VIKTÓRIA L. Hungarian medallic art in the last third of the Nineteenth Century. *The Medal* No. 17 (Autumn, 1990) pp. 45-53 illus.

640 KRAUSS, DIRKE. Wettinmedaillen 1989. *NH* No. '40 (Dresden 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 126-129.

The medals struck to commemorate the 900-year Jubilee of the investiture of the Wettin dynasty beginning with the margrave of Meissen in 1089 are published.

(Paul Arnold)

641 KROULIK, ALFRED R. JR. Polar Awards of the United States, Presidential Unit Citation with Gold 'N' Service. *MC* Vol. 42 Nos. 1-2 (Jan.-Feb. 1991) pp. 27-31.

642 KROULIK, ALFRED R. JR. Polar Awards of the United States, The Coast Guard Arctic Service Medal. *MC* Vol. 42 No. 3 (March 1991).

The author lists the vessels that have met the eligibility requirements to receive the award.

(George S. Cuhaj)

643 KÜHN, WALTER. Thomas Spence und die Enteignung des Grossgrundbesitzes. Progressive Ideen in England im Umfeld der Französischen Revolution. *NNB* Vol. 40 No. 6 (1991) pp. 150-152 illus.

644 LAOLO, ALEXANDER J. The Philippine Constabulary Victory Medal and Philippine National Guard Service Medal for World War I. *MC* Vol. 42 No. 3 (March 1991) pp. 15-28 illus.

645 MACIASZEK, JANUSZ. The medal as a carrier of historical tradition. *The Medal* No. 17 (Autumn, 1990) pp. 64-69 illus.

Medals commemorating Polish independence (11 Nov. 1918) are discussed.

(Edward Besly)

- 646 MAKAI, ÁGNES and HÉRI, VERA.** *Kitüntetések* [Decorations]. (Budapest, 1990) 237 pp. illus. Hungarian and German.

The authors give a short survey of the origin and history of orders and decorations, with an emphasis on Hungarian orders. The most important orders and decorations of the Hungarian National Museum and the War History Museum are illustrated.

(István Gedai)

- 647 MAKAI, ÁGNES.** Ujabb adatok a Magyar Érdemkereszt gyártásához [New Dates for the Making of the Hungarian Merit Cross]. *Numizmatikai Közlöny* Vols. 88-89 (1989-1990) pp. 109-112. German summary.

The author deals with the Hungarian Merit Cross found in 1922. Archival data prove that the Anton Reitterre firm in Vienna made the cross on behalf of the Hungarian government.

(István Gedai)

- 648 MARTINI, RODOLFO and VERONELLI, GIORGIO.** La moneta di Carlo VI da 12 scudi d'oro: medaglia commemorativa per l'ingresso dell'Imperatore in Milano. *Ermanno A. Arslan Studia Dicata*. Vol. 3 (Milan, Edizioni ennerre s.r.l., 1991) pp. 771-778 illus.

A brief note on the gold coin—identified by the authors as a medal—struck in 1711 by the mint of Milan in honor of Charles VI, emperor of Germany, on the occasion of his entrance into the city.

(Andrea Carignani)

- 649 MAUÉ, HERMANN.** Medaillenpläne des Kardinals Damian Hugo von Schönborn aus dem Jahre 1716. Entwürfe von Albrecht Krieger, Johann Friedrich Roth and Christian Wermuth. *Anzeiger des Germanischen Nationalmuseums* (Nuremberg, 1989).

A volume of miscellany in the library in the Count Schönborn'schen Castle in Pommersfelden, formerly owned by Damian Hugo and others, illustrates the medallic designs of Albrecht Krieger, Johann Friedrich Roth and Christian Wermuth, and includes a discussion of the historical events surrounding the medallic projects of the Cardinal in 1716.

(Ralf Althoff)

- 650 MC ADAM, JANE.** Three Years in Rome. *The Medal* No. 16 (Spring, 1990) pp. 76-81 illus.

A report of the author's work at the School of Medallic Art, Rome, 1986-1989, is given. Examples of the author's work during these years are discussed and illustrated.

(Edward Besty)

- 651 MC DOWELL, CHARLES P.** The U.S. Air Force Aerial Achievement Medal. *MC* Vol. 42 Nos. 1-2 (Jan.-Feb. 1991) pp. 20-26.

The author discusses this new medal, created in 1987, and how it relates to the other air force awards.

(George S. Cuhaj)

652 Medalla conmemorative del eclipse anular de sol observado en Sen Luis Potosi, México. *GacNum* Vol. 100 (1991) pp. 47-49.

653 MIRNIK, IVAN. Ivo Kerdić. *The Medal* No. 16 (Spring 1990) pp. 53-57 illus.

The Croatian engraver and medalist (1881-1953) is discussed. (Edward Besly)

654 MIRNIK, IVAN. Rudolf Valdec. *The Medal* No. 15 (Autumn, 1989) pp. 24-27 illus.

Thirteen plaquettes by this Croatian sculptor (1872-1929) are discussed. (Edward Besly)

655 MULLALY, TERENCE. Dora de Pédery-Hunt, a medallist with a message. *The Medal* No. 15 (Autumn, 1989) pp. 68-71 illus.

656 MULLALY, TERENCE. From Pisanello to the abstract, the medals of Bogomil Nikolov. *The Medal* No. 16 (Spring, 1990) pp. 73-75 illus.

The Bulgarian medalist, b. 1943, is discussed. (Edward Besly)

657 NETZER, SUSANNE. Medaillen und Plaketten von Tony Antoine Szirmai (1871-1938) in den Kunstsammlungen der Veste Coburg. *Jahrbuch der Coburger Landesstiftung* Vol. 35 (1990) pp. 223-236 illus. ISSN 0084-8808.

658 OPITZ, ERICH. Schützenauszeichnungen aus den Beständen ehemaliger Schützengilden des Kreises Eisenhüttenstadt. *NumBeitr* Vol. 23 No. 3/4 (1990) pp. 7-14.

The awards of the rifle association of the Kreises Eisenhüttenstadt are discussed. (Paul Arnold)

659 PANDLA, ATTILA. A Toldi Miklós Éredemérem története [The History of the Merit Medal Named Toldi Miklós]. *Numizmatikai Közlöny* Vols. 88-89 (1989-1990) pp. 119-131. German summary.

Between the two world wars the Merit medal Toldi Miklós was established for excellence in sports. The author discusses its beginnings and grants. (István Gedai)

660 PETTERSSON, KURT. Suomalaiset buurisodassa [Finns in the Boer War]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 1 (Jan. 1991) pp. 4-5 illus.

A medal was struck in Sweden in 1924 to commemorate the 25th anniversary of the battle of Magersfontein. A Scandinavian volunteer force, led by the Finnish captain Johan Flygare, had fought along with the Boers. (Tuukka Taloio)

- 661 PICKUP, DAVID. Edward Hawkins and *Medallic Illustrations*. *The Medal* No. 16 (Spring, 1990) pp. 48-52 illus.

The circumstances surrounding the suspension of the publication of Hawkins's work by the British Museum in 1852 are discussed. (Edward Besly)

- 662 PIRZIO BIROLI STEFANELLI, LUCIA. I modelli in cera di Benedetto Pistrucci. *BollNum* Mongrafia I and II. (Rome, 1989).

In two volumes the author reconstructs the life and the work of Benedetto Pistrucci (1783-1855)—famous engraver, medalist and sculptor of Rome. (Andrea Carignani)

- 663 PRIESE, KLAUS. Das 10. deutsche Bundesschiessen 1890 in Berlin Pankow. *NumBeitr* Vol. 23 No. 3 (1990) pp. 12-13.

The author discusses the 10. German confederation note of 1890 along with the medals. (Paul Arnold)

- 664 RECKEWELL, ROGER. Das Herzoglich Braunschweigische Verdienstzeichen für Kunst und Wissenschaft und die Reaktion des Professors Erich Körner. *Heimathuch für den Landkreis Wolfenbüttel* Vol. 37 (1991) pp. 52-55 illus.

- 665 REY, CLÉMENT. 'Noble and Humane Conduct,' a nineteenth-century rescue. *The Medal* No. 17 (Autumn, 1990) pp. 41-44 illus.

A medal presented to the Captain and crew of the American barque 'Young Phoenix' by the inhabitants of Mauritius in 1875 is discussed.

(Edward Besly)

- 666 ŘÍDKÁ, ELENA. The Second International Quadrennial of Medals, Kremnica 1989. *The Medal* No. 16 (Spring 1990) pp. 96-102 illus.

- 667 ROBINSON, D. Kalman Renner. *The Medal* No. 18 (Spring, 1991) pp. 67-73 illus.

The Hungarian medalist, b. 1927, is discussed.

(Edward Besly)

- 668 SCHARLOO, MARJAN. A peace medal that caused a war? *The Medal* No. 18 (Spring, 1991) pp. 10-22 illus.

A reply to the article by A.B. Gardiner in *The Medal* No. 17 (NL 126-622) is given. A British perspective is presented by Peter Barber on pp. 20-21. (Edward Besly)

- 669 SCHARLOO, MARJAN. Holtzney and Son. *The Medal* No. 17 (Autumn, 1990) pp. 16-27 illus.

The activities of the Amsterdam medalists Martinus Holtzney (1697-1764) and

his son Johan George (1726-1808) are described.

(Edward Besly)

670 SCHARRER, WERNER. Laienbruderschaften in der Stadt Bamberg vom Mittelalter bis zum Ende des Alten Reiches. *Historischer Verein für die Pflege der Geschichte des ehemaligen Fürstbistums Bamberg* Vol. 126 (1990) pp. 21-392 illus. ISBN 3-87735-117-4.

On pp. 280-283 medals serving as a sign of membership of the Bamberg confraternity of St. John Nepomuk, founded in 1731, are shown.

(Peter Ilisch)

671 SCHNEIDER, DARKO. Antun Motika as medallist. *The Medal* No. 16 (Spring, 1990) pp. 69-72 illus.

The Croatian painter and medalist, b. 1902, is discussed.

(Edward Besly)

672 SCHULZKI, HEINZ-JOACHIM. Rache für 1689, eine Ergänzung zur Speyerer Münzgeschichte. *NNB* Vol. 40 No. 6 (1991) pp. 146-147 illus.

The author discusses a medal by F. Kleinert and P.H. Müller which is interpreted as a portrayal of English victories over France as revanche for the Palatinate raid in 1689.

(Peter Ilisch)

673 ŠEŇOVÁ, NADĚ. Creative medallic workshops in Czechoslovakia. *The Medal* No. 18 (Spring, 1991) pp. 74-84 illus.

674 SHARPLES, JOHN P. *Medals as Art*. (Melbourne, Australia, Museum of Victoria, 1990) 30 pp.

An illustrated catalogue of an exhibition of medals created by the Museum of Victoria and the Royal Australian Mint is published. More than half of the medals are by Andor and Michael Mészáros (16 illustrated). The rest are of various periods, with an emphasis on Australian artists.

(John Melville-Jones)

675 SHAW, ALBERT M. The MacGregor Memorial Medals of the United States Service Institution of India. *MC* Vol. 42 No. 3 (March 1991) pp. 4-14 illus.

Instituted in 1880, these medals were awarded for the best military reconnaissances or journey of exploration in a given year.

(George S. Cuhaj)

676 SIRMANS, STAN. The Navy's World War II Purple Hearts. *MC* Vol. 42 No. 5 (May 1991) pp. 29-36 illus.

Discussion of the purchase of the first Navy Purple Hearts as well as subsequent varieties.

(George S. Cuhaj)

677 SMITH, DAVID B. Medals of Curling—'Scotland's aim game'. *The Medal* No. 16 (Spring, 1990) pp. 38-47 illus.

678 STAHL, WERNER. Vivos voco, 400 Jahre Glockengiesserei Rincker - die numismatischen Zeugnisse. *GN* Vol. 26 No. 142 (1991) pp. 78-80 illus.

679 STAHR, MARIA. Gdansk—Centre de l'art de la médaille au XVII^e siècle. *The Medal* No. 16 (Spring 1990) pp. 3-15 illus.

680 STAHR, MARIA. *Medala Wazów w Polsce 1587-1668* [Medals of the Vasa dynasty in Poland 1587-1668]. (Wrocław-Warszawa-Kraków 1990) 246 pp. illus.

The author describes all the medals (79) which appeared in Poland during the reign of the Vasa dynasty kings: Sigismund III (1587-1632), Wladislaus IV (1632-1648) and John Kasimir (1648-1668). Iconography of medals and their ideological significance are stressed.
(Maria Męclewska)

681 STEGUWEIT, WOLFGANG and WEBER, INGRID S. *Aufbruch—Durchbruch. Zeitzeichen in der deutschen Medaillenkunst. Medaillen, Reliefs, Kleinplastik*. Exhibition catalogue of the Staatliche Münzsammlung München and Münzkabinett der Staatlichen Museen zu Berlin. (Munich, 1990) 89 pp. illus. ISBN 3-922840-00-0.

86 medals relating to German unification in Autumn 1989/1990, engraved by both West and East German artists, are published.
(Peter Ilisch/Paul Arnold)

682 STEGUWEIT, WOLFGANG and WEBER, INGRID S. *Aufbruch—Durchbruch: Zeitzeichen in der deutschen Medaillenkunst. The Medal* No. 18 (Spring 1991) pp. 85-91 illus.

An exhibition of medals by invited artists from West and East Germany illustrating the theme of the opening of the frontier between the two is described.
(Edward Besly)

683 STEGUWEIT, WOLFGANG. "Wartet nicht auf besser Zeiten..." Eine Betrachtung zu gesellschaftlichen Bemühungen um die Beförderung der Medaillenkunst in Deutschland. *GN* Vol. 26 No. 142 (1991) pp. 76-77 illus.

684 STEPHAN, BÄRBEL. Die offizielle Regierungsmedaille zum Wettin-jubiläum 1989 und ihr Umfeld. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 92-96.

The author discusses the sketches of the Dresden artist Johannes Schilling for the official 1889 civic medal for the 800-year jubilee of Wettin.
(Paul Arnold)

685 SUNMANN, PER. Ivar Thronsdén—17. mai-medaljens "far" [Ivar Thronsdén, the "father" of the 17 May-Medal]. *NNUM* Vol. 2 (March, 1991) pp. 33-36 illus.

A short biography of the Norwegian medalist Ivar Thronsdén (1853-1932) is published.
(Bengt E. Hovén)

686 SZOLLÁTH, GYÖRGY. *A Magyar Éremgyűjtők Egyesületének érmei—Medals of the Hungarian Coin Collectors Association—Die Medaillen des Vereins der Ungarischen Münzensammler.* 2.1984-1989. (Budapest, 1990) Trilingual.

127 medals, issued by the association, are published. (István Gedai)

687 SZÖLLŐSY, GÁBOR. Az országos tejelési és tenyésztési díjazások érmei a magyar mezőgazdasági múzeum gyűjteményében [The National Remuneration Medals of the Milk-Yield and Breeding in the Collection of the Hungarian Agricultural Museum]. *Magyar Mezőgazdasági Múzeum Közleményei* [Studies of the Hungarian Agricultural Museum]. (1988-1989) pp. 345-359. German summary.

The author makes known the medals (42) issued by the National Register-Book Committee: the remuneration medals of milk-yield and breeding. (István Gedai)

688 TALVIO, TUUKKA. Mitalitaiteen harrastuksen alkuvaiheita Suomessa [The Early Days of Medal Collecting in Finland]. *Mitali - Medaljen* No. 2 (1990) pp. 8-9 illus. Swedish summary, p. 38.

An account of medal collecting in Finland, starting with Elias Brenner (1647-1717) is given. In 1914 the sculptor Ville Vallgren founded a Finnish art medal society, which was supplanted by the Finnish Numismatic Society, also founded in 1914. The present Art Medal Society dates from 1965. (Author)

689 TOUSSAINT, JACQUES. Aglane de Nivelles. *The Medal* No. 15 (Autumn, 1989) pp. 34-55.

The author discusses this Belgian painter, sculptor, etcher and medalist, born Georges Ghislain Aglane, in 1912; 34 medals are published. (Edward Besly)

690 UMAN, BARRY. Early Personal Medals. *CNJ* Vol. 32 No. 3 (March 1991) p. 100 illus.

Medals issued by individual coin dealers and collectors were popularized by Albert Frey's articles appearing in *The Numismatist* from 1903 to 1907. (Michael Hodder)

691 VANNEL TODERI, FIORENZA. La serie metallica degli Apostoli. *RIN* Vol. 92 (1990) pp. 297-306 illus.

The author discusses the series of 12 bronze medals with the head of one of the Apostles on the obverse and the Latin inscription of the Creed on the reverse. The objects are attributed to the 16th century; the models for the portraits are difficult to find. (Sara Sorda)

692 VAUGHAN, AVRIL. The art of commissioning a portrait medal; and how to achieve a mutually satisfactory result. *The Medal* No. 18 (Spring, 1991) pp. 97-102 illus.

- 693** VOIONMAA, ILKKA. Art Medals from Finland—Suomen mitalitaitteen näyttelyt Kiinassa [Exhibitions of Finnish Medallic Art in China]. *Mitali - Meddaljen* No. 2 (1990) p. 35. Swedish summary, p. 40.

An exhibition of Finnish medals was shown in Beijing and Harbin in 1990.

(*Tuukka Talvio*)

- 694** [VOIONMAA, ILKKA]. Vuosimitalikilpailu 1991 [The Annual Medal Competition of the Finnish Art Medal Society in 1991]. *Mitali - Meddaljen* No. 1 (1991) pp. 3-8 illus. Swedish summary, p. 38.

In the competition were 47 participants. Pertti Kukkonen's medal "Elena and Nicolae" was awarded the first prize.

(*Tuukka Talvio*)

- 695** VOLTOLINA, PIERO. Medaglia celebrativa francese per il veneziano Adriano Balbi 1728-1848. *RIN* Vol. 92 (1990) pp. 306-310 illus.

Adriano Balbi—Venetian patrician, geographer—was honored by many European nations. France dedicated a bronze medal by Bouvet to him.

(*Sara Sorda*)

- 696** WEAVER, BARRY C. Observed Numismatic Characteristics of U.S. World War II Distinguished Flying Crosses and Air Medals. *MC* Vol. 42 No. 4 (April 1991) pp. 8-18.

The results of 11 year/146 medal census are recorded.

(*George S. Cuhaj*)

- 697** WESOLOWSKI, ZDZISLAW P. The Polish Order of Virtuti Militari (Military Virtue) Distribution of Numbered 5th Class Insignia (1921-1941). *MC* Vol. 42 No. 5 (May 1991) pp. 23-28.

- 698** WITHERS, PAUL. A medallic feud. *The Medal* No. 18 (Spring, 1991) pp. 29-33 illus.

A dispute between two Birmingham medalists in 1779 is chronicled. (*Edward Besly*)

- 699** YLINEN, ALLAN. Perhemitaleista [One Family Medals]. *Suomen Numismaattisen Yhdistyksen Tiedotuslehti* No. 2 (March 1991) pp. 40-41 illus.

Finnish examples of modern medallic family portraits are presented.

(*Tuukka Talvio*)

- 700** YOLAÇ, T.Y. Mecruhin-i Askeriye-i İane Cemiyetinde On Yıl Mad-di ve Manevi Hizmeti Olanlara Verilen Şevkat Nişani [Medallion Given to People Who Have Worked 10 Years in the Wounded Soldiers' Security Foundation]. *BültenTürkNumSoc* Vol. 28 (1990) pp. 10-11.

For additional references to medals and decorations, see the following abstracts:

Western and Central Europe, Nos. 337, 344, 348, 405, 452.

PRIMITIVE MONEY

For a reference to primitive money, see *NL* abstract 126-20.

PAPER MONEY

701 ANDERSON, BURNETT. Anti-Counterfeiting Design Effort Nearly Done. *BNR* Vol. 19 No. 2 (Feb. 1991) pp. 10-11.

The latest in a continuing series (since 1983) on the Treasury's effort toward designing anti-counterfeiting measures into the Federal Reserve Notes. Two notes are described.
(Michael Hodder)

702 BEYER, E[RWIN]. *Chinesisches Papiergeld—Versuch Einer Beschreibenden Liste. VIII—heng-hunan*. (Grafschaft, Germany, The Author 1990) 189 pp. illus. In German.

The continuation of the series introduced in *NL* 124-554 is presented.
(Joseph E. Boling)

703 BEYER, ERWIN. Kang-ri banknotes as issued in central Hebei 1939-1941. *OPCB* No. 1 (15 Jan. 1991) 30 pp. illus.

Kang-ri notes, or "resist the Japanese" notes, issued in Hebei province are presented in depth. These were local notes issued by county governments, village cooperatives, and similar organizations to supplement the national currency and displace the Japanese puppet currencies.
(Joseph E. Boling)

704 BURRY, RALPH R. R.W. Soper & His Commission Scrip, London, Ontario. *CNJ* Vol. 36 No. 2 (Feb. 1991) pp. 64-65 illus.

R.W. Soper was a London, Ontario, gunsmith in 1884, who issued his own scrip, of which only one example—a one dollar note—survives. The article is reprinted from *TCNS*, Winter 1990.
(Michael Hodder)

705 DIETRICH, CHRISTIAN. Die Gutscheine der Stadt Freiberg als städtische Beihilfe zur Beschaffung von Lebensmitteln 1916-1920. *NumBeitr*

Vol. 23 No. 3/4 (1990) pp. 29-33.

The 1916 "Gutscheine" from the city of Freiberg in Saxony is discussed.

(Paul Arnold)

706 DIETRICH, CHRISTIAN. Eine neue Gruppe Freiburger kommunalen Papiernotgeldes 1918. *NumBeitr* Vol. 23 No. 3/4 (1990) pp. 34-36.

The author is concerned with the paper emergency money of 1918 of the city of Freiburg in Saxony.

(Paul Arnold)

707 DIETRICH, CHRISTIAN. Eine unbekannte Anweisung der Staatlich Sächsischen Hüttenwerke Freiberg von 1923. *NumBeitr* Vol. 23 (No. 3/4 (1990) pp. 37-38.

The author treats 2 previously unpublished checks for payments from the municipal smelting works of Saxon Freiberg.

(Paul Arnold)

708 FISHER, JACK H. Battle Creek Combines Breakfast and Bank Notes. *BNR* Vol 19 No. 2 (Feb. 1991) pp. 16-22 illus.

A history of Battle Creek, Michigan, its place in the nation's food industry, locally important sites, and its National Bank Notes, are given.

(Michael Hodder)

709 HABERSTROH, WALTER. 1947: Notgeld in Emsdetten. *NNB* Vol. 39 (1990) pp. 223-225 illus.

The village council of Emsdetten in 1947 issued paper small change to be used for a brief time, but it remained in circulation until early 1948.

(Peter Ilisch)

710 HUGHES, BRENT. 'Bogus Counterfeits' Tell Tale of Wartime. *BNR* Vol. 19 No. 3 (March 1991) pp. 14-19 illus.

A discussion of the rare so-called "bogus counterfeits" Confederate notes, called "essays" in the past, did not copy a genuine prototype exactly. The author suggests that they may have been made in a small print shop in Tennessee during the Civil War.

(Michael Hodder)

711 KALMAN, MATRAY. *100 Történelmi Ertekpapír* [100 Historic Securities]. (Budapest, Kiado kft, 1990) 224 pp. illus. In Hungarian, German, English. ISBN 963-02-78456.

A short introduction and 100 Austro-Hungarian and Hungarian stock certificates are presented in B5 format and full color. The certificates are divided into financial (17), transportation (41), and "other" (42) categories.

(Joseph E. Boling)

712 MEHL, MANFRED. Hildesheimer Notgeld der Jahre 1947/48. *Alt-Hildesheim, Jahrbuch für Stadt und Stift Hildesheim*. Vol. 61 (1990) pp. 149-160 illus.

The author presents the general reasons for the issuing of local emergency money in 1947 and 1948 within the city and its environs.

(Peter Ilisch)

713 MICHAELIS, ANTHONY R. The Bank Notes of Science: A Neglected Art of Science and Technology. *IBNS* Vol. 29 No. 4 (Jan. 1991) pp. 4-17 illus.

This article is a revision of an article first published in *Interdisciplinary Science Reviews* (1988) pp. 251-263. The role of banknotes in representing significant persons is discussed and many examples are given of notes bearing scientists or examples of technology. The technology of the notes themselves is also discussed, including both printing and materials.
(Joseph E. Boling)

714 NARBETH, COLIN. Greek War-Time Archive—preserved by partisans. *BN* No. 39 (Jan.-Feb. 1991) pp. 18-20 illus.

Recently discovered progress proofs of WWII Greek banknotes are presented with a summary of the economic and monetary events of the period.
(Joseph E. Boling)

715 PIOTROWSKI, WALERIAN. Pieniądz papierowy rosyjskiego Dalekiego Wschodu w latach 1918-1922 [Paper Money of Russia's Far East in the Years 1918-1922]. *BN* No. 1-3 (1990) pp. 3-12 illus.

Banknotes issued by central and local authorities, Red and White Armies, during the Civil War and by a short-term independent state of the Far East Republic are described.
(Marta Męclewska)

716 PODBIERIEZNYJ, W.I. Znaki pieniężne Konsorcjum Rosyjskich Banków Komercyjnych [Paper Signs of a Russian Commercial Bank Syndicate]. *BN* Nos. 1-3 (1990) pp. 12-14 illus.

For a short time after the outbreak of the October Revolution, toward the end of 1917, new emissions of banknotes were prepared. The decree of nationalization of the private banks stopped this activity.
(Marta Męclewska)

717 RINGLEB, FRANK. Die Gut- und Warenscheine der Staatlichen Porzellanmanufaktur Meissen aus dem Jahre 1923. *NH* No. 40 (Dresden, 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 108-123.

The author discusses the Gut- and Warenscheine of the municipal porcelain factory in Meissen.
(Paul Arnold)

718 SCHARFENBERG, GERD and FUNK, HANS. Die anhaltischen Notgeldscheine 1914-1923. *NH* No. 60 (Leipzig, 1989) 118 pp. illus.

The emergency money issued from 1914 to 1923 by the Duchy and then by the free state of Anhalt is catalogued.
(Paul Arnold)

719 Shanxi Numismatic Society. The Earliest Anti-Japanese Note Issued by the Peasant Bank of Xingxian County. *China Numismatics* Vol. 32 (1991) pp. 21-23 illus. In Chinese. ISSN 1001-8638.

The Peasant Bank of Xiangxian County, Shanxi Province, was the earliest bank established by the anti-Japanese government. The note introduced in this paper is the only note known.

720 SLABAUGH, ARLIE. American Army Issued French Tram Voucher. *BNR* Vol. 19 No. 3 (March 1991) p. 12 illus.

The author illustrates a tram voucher with denomination 5, issued by the American Expeditionary Force in Le Havre during World War I. (Michael Hodder)

721 SOBIETZKY, GERD. Das Geld des Offiziersgefangenenlagers (OGL) Stralsund-Dänholm. *NH* No. 66 (Rostocj, 1990) pp. 57-67.

The emergency money for the prisoners of the camps in Stralsund-Dänholm 1915/1916 is discussed in detail. (Paul Arnold)

722 SUPPES, BERND. *Suppes Deutschland '89 Katalog für historische Aktien und Anleihen*. (Wiesbaden, Suppes 1988) 164 pp.

About 7,000 individual issues of obsolete German stocks and bonds are listed, with basic information regarding type of issue, date, denomination, face value and current market value for each, and issue quantity for some. (Joseph E. Boling)

723 WANG KEXI. The Demarcation and Amount of Haozi Issued in Sichuan. *China Numismatics* No. 31 (1990) pp. 43-44 illus. In Chinese. ISSN 1001-8638.

The Sichuan Jiaozi was a local paper money issued by the government of the Song Dynasty in Sichuan Province. The author discusses the demarcation of the issuance of jiaozi as well as the year and amount of every issue.

724 WEIGEL, KARL. Die Kurfürstlich und Königlich Sächsischen Kassenbillets 1772-1874. *NH* No. 40 (Dresden 1989) (Or *Sächsische Numismatische Hefte* No. 1) pp. 63-77.

The author discusses in detail the Saxon paper money issued between 1772 and 1876. (Paul Arnold)

725 WU CHOUZHONG and WU ZHONGYING. A Preliminary Probe of the Circulating Notes of Cooperatives in the Rural Area of the Middle Part of Hebei Province. *China Numismatics* Vol. 32 (1991) p. 39. In Chinese. ISSN 1001-8638.

During the Anti-Japanese War, the Central part of Hebei Province was a guerilla district, the circulating notes of the rural cooperatives were issued in a scattered way by the Anti-Japanese government of the Communist Party to support the Anti-Japanese War. Due to the very small circulating area and the very small issues, few examples are known. This paper introduces some of the valuable circulating notes.

726 ZHANG SHUCAI and WU ZHENQIANG. The Banknotes of the

Headquarter of the Red Army of USSR. *China Numismatics* Vol. 32 (1991) pp. 42-44. In Chinese. ISSN 1001-8638.

This banknote was issued by the Red Army of the USSR when it entered the northeastern part of China at the end of WWII; it was withdrawn from circulation in 1949.

For additional references to paper money, see the following abstracts:

Far East, Nos. 292, 296, 317.

Oceania, No. 587.

TOKENS AND JETONS

727 ARDA, T.S. Madeni Pay Kuponlari [Metal Token Trading Stamps]. *BültenTürkNumSoc* Vol. 28 (1990) pp. 21-24.

Tokens issued by some trade companies for use in certain shops are discussed.
(Ömer Diler)

728 EMMERIG, HUBERT. *Numismatisches Nachrichtenblatt, Unbekannte Marken? Register zu der Serie im Numismatischen Nachrichtenblatt, Jahrgang 30/1981 bis 39/1990.* (The Author, Feursstr. 75d, D-8037 Olching, 1990) 64 pp.

729 ENDER, C. Madeni Çakmak Pullari [Metal Lighter Stamps]. *Bülten-TürkNumSoc* Vol. 28 (1990) pp. 25-29.

During the last period of the Ottomans and the first period of the Turkish Republic, cigarette lighters were imported only, and a tax was put on them. In this article are presented such metal tax tokens that were attached to the lighter to show that the tax was paid.
(Ömer Diler)

730 GREENE, RONALD. E.G. Prior & Co. Ltd. *CNJ* Vol. 36 No. 2 (Feb. 1991) pp. 58-60 illus.

A history of E.G. Prior and his company, which issued 25 cent and one dollar aluminum tokens, both of which are rare. It is not known exactly when the tokens were struck or for what purpose.
(Michael Hodder)

731 GRELLMAN, CINDY. Three New Dies. *CWTJ* Vol. 25 No. 1 (Spring 1991) pp. 2-4 illus.

Three author reports three new Civil War token die discoveries. Fuld IL 150AC-3a may be unique; CWT 6D/310; and Fuld OH 505A-2a, 1270 reverse. It is probable that CWT 6B/310 does not exist.
(Michael Hodder)

732 HANCOCK, SIMON L. John Fowler: a Seventeenth Century token

issuer in Haverfordwest. *SCMB* No. 854 (Oct. 1990) pp. 228-234 illus.

733 HANCOCK, SIMON L. The tokens of Thomas Bowen, a mercer in Seventeenth century Haverfordwest. *SCMB* No. 856 (Dec. 1990) pp. 308-313 illus.

734 KRAFT, ROBERT C. One Man's Opinion (Mine) of the Rarity of Wisconsin Civil War Store Cards. *CWTJ* Vol. 24 No. 4 (Winter 1990) pp. 19-30.

Part one of a reappraisal of the rarity of Wisconsin Civil War era store cards, covering issuers from the towns of Appleton through Mayfield. The catalogue format is Fuld's, but the commentary is up-to-date. The brief descriptions of the merchant issuers are particularly useful. *(Michael Hodder)*

735 KRAFT, ROBERT C. One Man's Opinion (Mine) of the Rarity of Wisconsin Civil War Store Cards. *CWTJ* Vol. 25 No. 1 (Spring 1991) pp. 5-12.

Part two of the author's annotations on Wisconsin Civil War store cards, their rarities, compositions and availability to collectors. The article covers Milwaukee, merchants E. Eschermann & Co. through Hermann Voight. *(Michael Hodder)*

736 MAC KENZIE, KENNETH M. Franco-Algerian Exnumia. *NI* Vol. 25 No. 8 (Aug. 1990) pp. 179-183 illus.

Tokens minted by the French ca. 1857 for use in Algeria are discussed and a few are catalogued. *(Joseph Uphoff)*

737 ROE, JAY. The Alaskan 2 Too Wah. *Brasher Bulletin* Vol. 3 No. 3 (Fall 1990) pp. 3-4 illus.

A history of these small souvenir Alaskan tokens, with rarity ratings and notes of restrikes, is published. *(Michael Hodder)*

738 RULAU, RUSSELL. *U.S. Merchant Tokens, 1845-1860*. Third edition. (Iola, WI: Krause Publications, 1990) illus.

The most recent edition of the now standard listing of tokens issued by or for U.S. merchants after the Hard Times era, before the Civil War. Each issuer is briefly described, his tokens listed, rarity ratings assigned, and suggested values included. Non-local and counterstamped issues are included. An expanded listing of American coppersmiths, their locations, and approximate dates of activity, will be found in an appendix. The volume is profusely illustrated. *(Michael Hodder)*

739 STANTON-COURTNEY, Y. Not in "Hawkins": Some unpublished makers of Pub Checks. *NCirc* Vol. 98 No. 10 (Dec. 1990) pp. 351-353 illus.

The author discusses checks by three makers: W. Price of Blaina, T. Thomas of Merthyr, Perress of Southampton. *(Edward Besly)*

740 ZOMBORI, LAJOS and TÓTH, JÓZSEF. A "Jeton rt." / The "Jeton Ltd." *Numizmatikai Közöny*. Vols. 38-39 (1989-1990) pp. 113-18. English summary.

A firm to circulate postage stamps in metal holders was planned after WWI. The authors publish the correspondence concerning the plans, which were not fulfilled.
(István Gedai)

For an additional reference to tokens and jetons, see the following abstract:

Oceania, No. 587.

REVIEWS

ALRAM, MICHAEL. Die Münzprägung des Kaisers Maximinus I. Thrax. Vienna 1989. Rev. M. Torbágyi *NK* Vols. 88-89 (1989-1990) p. 152; R.A.G. Carson *NC* (1990) pp. 270-271.

BASTIEN, PIERRE; AMANDRY, MICHEL; GAUTIER, GEORGES. Le monnayage de L'Atelier de Lyon (274-413), Suppl. BASTIEN, PIERRE. Le Médaillon de plomb de Lyon. Wetteren 1989. Rev. V. Picozzi *Rivista Italiana di Numismatica e Scienze Affini* Vol. 92 (1990) pp. 357-359.

BASTIEN, PIERRE. Monnaie et donativa au bas-empire. Wetteren 1988. Rev. D. Kienast *Gnomon* Vol. 62 (1990) pp. 229-233.

BERGER, F. and STOESS, C. Die Fundmünzen der römischen Zeit in Deutschland. VII, Niedersachsen und Bremen. 1988. Rev. R. Bland *NC* (1990) pp. 277-279.

BERGER, FRANK. Die Münzen der römischen Republik im Kestner-Museum Hannover. Hannover 1989. Rev. K. Biró-Sey *NK* Vol. 88-89 (1989-1990) pp. 150-151; M.H. Crawford *NC* (1990) p. 270.

BERGHAUS, P. *et al.*, Eds. *Commentationes Numismaticae* 1988: Festgabe für Gert und Vera Hatz. 1988. Rev. M. Phillips *NC* (1990) pp. 302-304.

BESLY, EDWARD. English Civil War Coin Hoards. British Museum Occasional Papers 51. London 1987. Rev. A. Mikołajczyk *WN* Vol. 33 Nos. 1-4 (1989) p. 101.

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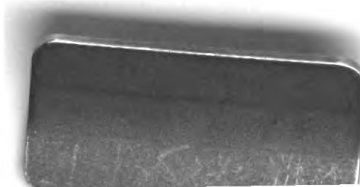
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